



At **BEXIE GROUP** we believe in innovation and have solar photovoltaic energy as a business engine. We are specialized in the design, manufacture and distribution of high quality power electronics and photovoltaic products.

We develop efficient and environmentally friendly energy solutions, with the clear objective of providing high quality products that contribute to the transition towards renewable and clean energy sources, helping both businesses and households to harness the resources that the sun brings to us to generate electricity in a sustainable.

One-stop solar and ESS Solution provider.

Committed to developing new business lines in the energy storage sector, through the manufacture of high-quality products and comprehensive solutions.

	Generate solar power with us!	04
	Solar storage for when you need it	19
(Z)	Charge your life with solar enerergy	26
	New technology in Solar Kit	30
lo	Energy-efficient system for heating water	32



Generate solar power with us!

At **BEXIE GROUP** we offer energy solutions designed for the whole family, focusing on helping to reduce costs and eliminate worries. We adapt to each need and specific problem, providing a personalized service that optimizes energy consumption and improves efficiency in the home .

With our support, you can enjoy a more sustainable and economical environment without complications.

How to produce your own energy.

Our home energy solution allows you to generate electricity with your own photovoltaic system.

The unused electricity is automatically injected into the system for future use. Discover in our brouchure com you can generate energy independently.

Benefict

- Own installation, 100% customized
- Maximum performance
- Support for both local and remote communitation
- Fast charging





Progressive increase of your energy saving.



Solution to take care of the planet.



Protection IP65 outdoor and indoor.



System design adapted to your home.

*Any of our products meets the corresponding quality measures



Optimize for domestic use.

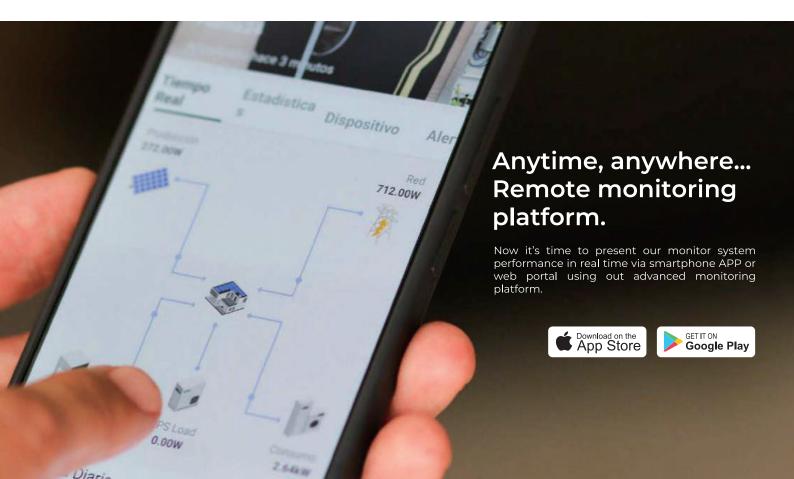
Our hybrid inverters are the start of our energy storage system.

Converts the continuous energy received by our photovoltaic modules in the house into high current for domestic use.

Benefit from all the integrated software functions in our hybrid inverters.







Bexie series

Our range of inverters, includes three-phase, single-phase hybrid and grid-tied models. All are designed with cutting-edge technology that maximizes performance and reliability.

Each Bexie Group inverter is optimized to provide sustainable solutions tailored to our customers' needs, ensuring a constant and efficient power supply

Hybrid Inverters / Application: Residential



BE3.6-6KW-1PH 3.6 - 6kW



BE5-10KW-3PH 5 - 10kW



BE12-30KW-3PH 12 - 30kW

Grid-tied Inverters / Application: Commercial & Industrial Places

Micro All-in-one



BE30-50KW-3PG 30-50kW



BE100-110KW-3PG



BXM 600-1000 600-1.000W

Network and isolated design





ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM



Monitor system performance in real-time via smartphone APP or Web portal using our advanced monitoring platform.



1PH-Hybrid Inverter

3.6kW/4.6kW/5.0KW/6.0kW



Fast charging or discharging up to 120A



Fanless cooling design, long lifespan and quiet performance



Seamless transition to backup mode,<10 ms UPS-level switching



Parallel connection up to 9



IP65 outdoor and indoor application



Feed-in limitation function (zero export)



PV system oversizing up to 9KW



Support for both local and remote communication











1PH-Hybrid Inverter

3.6kW/4.6kW/5.0kW/6.0kW

Model	BE3.6KW-1PH	BE4.6KW-1PH	BE5KW-1PH	BE6KW-1PH
Efficiency				
Max. Efficiency (PV to AC)		97.3		
Max. Efficiency (BAT to AC)		94.3		
Euro. Efficiency (PV to AC)		96.8	3%	
Input (PV)				
Max. PV Input Power	6,300W		9,000W	
Max. PV Voltage		550		
Start-up Voltage		90		
MPPT Voltage Range		70V-5		
Max. Input Current		15A/		
Max. Short Circuit Current		20A/:	20A	
Nos. Of MPPT		2		
String per MPPT		1/		
Input/Output (BAT)		Lithium ion	/Lead eaid	
Battery Type		Lithium-ion 48		
Nominal Battery Voltage Battery Voltage Range		40V-		
Max. Charge/Discharge Current	60A/60A	120A/120A	120A/120A	120A/120A
Max. Charge/Discharge Current Max. Charge/Discharge Power		6,000W/6,000W		
Output (Grid)	3,000W/3,000W	0,0000076,00000	6,000W/6,000W	6,000W/6,000W
Nominal AC Output Power	3,600W	4,600W	5,000W	6,000W
Max. AC Apparent Power	3,960VA	4,600VA	5,500VA	6,000VA
Max. AC Apparent Power Max. AC Output Power (PF=1)	3,960W	4,600W	5,500VA	6,000W
Max. AC Output Current	18A	22A	25A	27.2A
Nominal Grid Voltage		220V/230V/24		_ / 1_ / 1
Grid Voltage Range		150V-300V (A		
Nominal Grid Frequency		50Hz/		
Grid Frequency Range		45Hz-55Hz/55Hz-6	5Hz (Adjustable)	
Power Factor		>0.99 @rated power (Ad	justable 0.8 LD-0.8 LG)	
THDI		<3% (Rate	d Power)	
Output (Back up)				
Nominal Output Power	3,000W	4,600W	5,000W	6,000W
Nominal Output Current	13A	20A	21.7A	26A
Peak Power (>1s)	4,500VA	6,900VA	7,500VA	9,000VA
Nominal Output Voltage		220V/230V/24	OV, L+N+PE	
Nominal Output Frequency		50Hz/	50Hz	
Transfer Time		10[>	ns	
THDV		<3%@100	%R Load	
Protection				
Protection Category		Clas		
DC Switch		Ye		
Anti-islanding Protection		Ye		
AC Over Current Protection		Ye		
AC Over Voltage Protectian		Ye		
AC Short Circuit Protection		Ye		
DC Reverse Protection		Ye DC Type III		
Surge Arrester PV Insulation Detection		DC Type III, Ye		
PV Insulation Detection Leakage Current Protection		Ye Ye		
General		Ye		
		1000 1-200	One deveting)	
Max.Operation Altitude		4000m (>2000 IP6		
Protedtion Degree				
Operating Temperature Range Relative Humidity		-25~60°C (>45 0~10		
Relative Humidity Cooling		0~10 Natural (
Cooling Mounting		Wall br		
Mounting Dimensions (W*H*D)		570mm*495r		
Weight	20kg	37011111 4931	25kg	
PV Connection	2019	MC4		
Battery Connection		Dedicated De		
AC Connection		Dedicated Dedicated A		
HMI & COM		Dedicated At	3 33,11160001	
Display		LED+	APP	
Communication Interface	RS485/CAN (for	BMS), RS485, USB, DRM/RS		Vi-Fi/GPRS/I AN
Certification	. 13 133/ 5/ 114 (101	,,,	, story optional. v	, 2. 7.0, 2. 44
Grid	IFC 61727	, EN 50549-1, G99, CEI 0-21, F	D1699/661/647/413 NTS LII	NE 217001
Safety and EMC	123 01727	IEC 62109-1/2, EN 62		
Warranty		10 4		

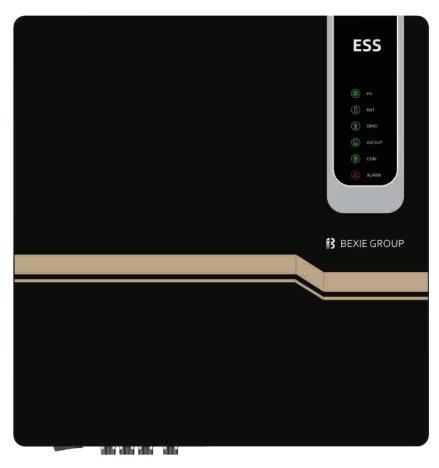




ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM



Monitor system performance in real-time via smartphone APP or Web portal using our advanced monitoring platform.





3PH-Hybrid Inverter

5kW/6kW/8kW/10kW



Fast charging or discharging up to 50A



Fanless cooling design, long lifespan and quiet performance



Seamless transition to backup mode,<10 ms UPS-level switching



Parallel connection up to 9 units



IP65 outdoor and indoor application



Feed-in limitation function (zero export)



PV system oversizing up to 15kW



Support for both local and remote communication

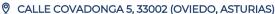












3PH-Hybrid Inverter

5kW/6kW/8kW/10kW

Model	BE5KW-3PH	BE6KW-3PH	BE8KW-3PH	BE10KW-3PH
Efficiency Max. Efficiency (PV to AC)	98.:	297	0	8.4%
Max. Efficiency (BAT to AC)	70	2 <i>7</i> 0 97.'		0.4%
Euro. Efficiency (PV to AC)	97.:			7.9%
Input (PV)	77	2,0		, , , , ,
Max. PV Input Power	9,00	iOW	15.	.000W
Max. PV Voltage		1,00)0V	
Start-up Voltage		150	OV.	
MPPT Voltage Range		160V-	950V	
Max. Input Current	15A/	15A	20.	A/30A
Max. Short Circuit Current	20A/	20A	30,	A/40A
Nos. Of MPPT		3		
String per MPPT	1/	1		1/2
Input/Output (BAT)				
Battery Type		Lithium-ion/		
Nominal Battery Voltage		250V-		
Battery Voltage Range		150V-		
Max. Charge/Discharge Current	25A/25A	25A/25A	50A/50A	50A/50A
Max. Charge/Discharge Power	9,000W/5,800W	9,000W/7,000W	15,000W/9,100W	15,000W/11,300W
Output (Grid)				
Nominal AC Output Power	5,000W	6,000W	8,000W	10,000W
Max. AC Apparent Power	5,500VA	6,600VA	8,800VA	11,000VA
Max. AC Output Power (PF=1)	5,500W	6,000W	8,800W	11,000W
Max. AC Output Current	3*8.3A	3*10A	3*13.3A	3*16.7A
Max. Single Phase Power	2,500W	3,000W	4,000W	5,000W
Max. Input Power		15,00		
Max.Input Current		3*2		
Rated Grid Voltage		380V/400V/41		
Grid Voltage Range		260V-520V (•	
Rated Grid Frequency		50Hz/	/60Hz	
Grid Frequency Range		45Hz-55Hz/55Hz-6	5Hz (Adjustab l e)	
Power Factor		>0.99 @rated power (Ad	djustable 0.8 LD-0.8 LG)	
THDI		<5% (Rate	ed Power)	
Output (Back up)				
Nominal Output Power	5,000W	6,000W	8,000W	10,000W
Nominal Output Current	3*7.6A	3*9.1A	3*12.2A	3*15.2A
Max. Single Phase Power	2,500W	3,000W	4,000W	5,000W
Peak Power (5min)	6,000VA	7,200VA	9,600VA	12,000VA
Peak Power (10s)	7,500VA	9,000VA	12,000VA	15,000VA
Nominal Output Voltage		380V/400V/41		
Nominal Output Frequency Transfer Time		50Hz/		
THDV		<10 <3% (R		
Protection		-078 (IX	Loddy	
Protection Category		Cla	iss I	
DC Switch		Ye		
Anti-islanding Protection		Ye		
AC Over Current Protection		Ye		
AC Over Voltage Protection		Υe	es es	
AC Short Circuit Protection		Ye		
DC Reverse Protection		Ye		
SPD		DC Type II ,		
PV Insulation Detection		Ye		
AFCI Leakage Current Protection		Optio		
		Ye	3S	
General Max.Operation Altitude		4000m (>2000	Om deratinal	
Protection Degree		4000m (>2000 IP6	6,	
Operating Temperature Range		-25~60°C (>45		
Relative Humidity		0~10		
Cooling		Natural (
Mounting		Wa ll br		
Dimensions (W*H*D)		530mm*550r		
Weight	301			32kg
PV Connection	301	MC4		,-ng
HMI & COM				
Display		LED+APP, LC	CD (Optional)	
Communication Interface	RS 485/CAN (B)	MS), RS 485, RS 485 (for meter), DRN		WiFi/GPRS/LAN
Certification				
		EN 50549 1 PEC NC PEC 1	VDE 4105, VDE V0124-100	
Grid		LIN 30347-1, KI G, INC KI G,	VDL 4100, VDL V0124 100	
Grid Safety and EMC Warranty		IEC 62109-1/2, EN 62		







ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM



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3PH-Hybrid Inverter

12kW/15kW/20kW/25kW/30kW



Fast charging or discharging up to 2x75A



Seamless transition to backup mode,<10 ms UPS-level switching



Parallel connection up to 10



IP66 outdoor and indoor application



Feed-in limitation function (zero export)



PV system oversizing up to 45kW



Support for both local and remote communication









3PH-Hybrid Inverter 12kW/15kW/20kW/25kW/30kW

Max. Efficiency (PV to AC) 98,20% 98,40% Max. Efficiency (PV to AC) 98,00% 98,00% Euro, Efficiency (PV to AC) 97,90% JI (PV) Max. PV Input Power 30,000W 45,000W Max. PV Voltage 1,000V Start-up Voltage 150V MPPT Voltage Range 160V-950V Max. Input Current 32A/32A 32A/32A/32A Max. Short Circuit Current 40A/40A 40A/40A/40A Nos. Of MPPT 2 3 String per MPPT 2/2 2/2/2 JOulput (BAT) Lithium-ion/Lead-acid Nominal Battery Voltage 230V-800V 380V-800V 190V-800V 230V-800V Battery Voltage Range 120V-800V 190V-800V 2 x 75A / 2 x 75A Max. Charge/Discharge Current 60A/60A 2 x 75A / 2 x 75A Max. Charge/Discharge Power 30.000W/14.400W 30.000W/18.000W 45.000W/30.000W 40.000W/36.000W	Model ciency	BE12KW-3PH	BE15KW-3PH	BE20KW-3PH	BE25KW-3PH	BE30KW-3PH
Most, Pitcherry (MP 10 AC)			98.20%			98.40%
March Principal Proviews	* * * * * * * * * * * * * * * * * * * *		70,2070	98.00%		7 0, 10,0
Max. PV Input Power						
Mos. Pr Verlage	, , , ,			77,70%		
Micro PV Voltage 1.000V			30.000W			45 000W
Start-up Voltage 150V			30.000**	1.000V		45.000**
Max Froet Circuit Current	~					
Most Input Cornert	· · · · ·					
Mos. Snort Circuit Curriert No. Okareff No. Okareff Stiffing per MPT Stiffing per Stiffin				160V - 950V		
No. Col. MPF 2 2 2 2 2 2 2 2 2	·					
String per NMPI 22 27/2					40	
Bottery Type						
Battery Uping 230V-500V 285V-800V 285V-800V 250V-800V 230V-800V 24000V			2/2			2/2/2
Solitery Voltage Ronge Solitery Ronge Ronge Solitery Ronge Ro	ut/Output (BAT)					
Bartlary Voltage Ronge 120V-800V Mox. Change/Discharge Current 6(AA/40A 2x.75A / 2x.75A 2	Battery Type			Lithium-ion/Lead-aci	d	
Max. Charge/Discharge Current	Nominal Battery Voltage	230V-800V	285V-800V	380V-800V	190V - 800V	230V-800V
Max. Charge/Discharge Power 30,000W/14.400W 30,000W/18.000W 30,000W/124.000W 45,000W/35.000W 40,000W/35.000W 40,000W 40,	Battery Voltage Range			120V-800V		
Max. Carge/Discharge Fower 30,000W/14.400W 30,000W 18,000W 25,000W 45,000W 40,000W/36,000W 18,000W 18,000W 25,000W 25,000W 30,000W 18,000W 18,000W 25,000W 27,000W 33,000W 18,000W 22,000W 27,000W 33,000W 27,000W 33,000W 33			A0A/A0A		2 x 7	5A / 2 x 75A
Mominal Output Power 12,000W	Wax. Charge/bischarge Contin		00/1/00/1		2 // //	5/1/ 2 X / 6/1
Normal Output Power 12,000W 15,000W 25,000W 25,000W 30,000W Max. AC Output Power 181 13,200W 16,500W 22,000W 27,500W 33,000W Max. AC Output Power 13,200W 16,500W 22,000W 27,500W 33,000W Max. AC Output Power 3 ,200W 16,500W 22,000W 27,500W 33,000W 33,000W Max. Imput Power 36,000W 10,000W 10,000W 11,000W Max. Imput Power 36,000W 38,545A 38,33,34 38,417A 38,469A 38,000W	Max. Charge/Discharge Power	30.000W/14.400W	30.000W / 18.000W	30.000W / 24.000W	45.000W / 30.000W	40.000W/36.000W
Max. AC Output Apparent Power 13.200V 15.500 VA 22.000 VA 27.500 VA 33.000 VA Max. AC Output Clurent 3.x 20A 3.x 25A 3.x 33.A 3.x 41.7A 3.x 50A 3.x 50A Max. Single Phase power 10.000W 10.000W 11.000W 11.000W 11.000W Max. Imput Clurent 3.x 50A	put (Grid)					
Max. AC Output Apparent Power 13.200V 15.500 VA 22.000 VA 27.500 VA 33.000 VA Max. AC Output Clurent 3.x 20A 3.x 25A 3.x 33.A 3.x 41.7A 3.x 50A 3.x 50A Max. Single Phase power 10.000W 10.000W 11.000W 11.000W 11.000W Max. Imput Clurent 3.x 50A	,	12.000W	15.000W	20.000W	25.000W	30.000W
Max. AC Output Dereit 13,200	·					
Max. AC Output Current Mox. Single Prose power Mox. Input Power Mox. Input Power Mox. Input Power Mox. Input Current Mox. Input Current 36,000W Mox. Input Current 36,000W Mox. Input Current 36,000W Mox. Input Current Mox. Input Curr						
Max. Injust Power						
Max. Input Power 36,000W 40,000W 45,000W 3 x 64,2A 3	•					
Max. Nourical Cold Yoldrage 3x 54.5A 3x 66.6A 3x 68.2A					11.000W	
Nominal Grid Valtage 380V,400V,415V, 3W+N+PE		36.000W				
Crid Voltage Range 277V-520V Adjustable Nominal Grid Frequency Range 45Hz-55Hz/64Hz/44Jatable 50Hz/66Hz Fower Foctor 50.979 (Protect power Adjustable 0.8 LD - 0.8 LG THD	Max. Input Current	3 x 54,5A	3>	(60,6A		3 x 68,2A
Nominal Grid Frequency Range	Nominal Grid Voltage			380V/400V/415V, 3W+N	I+PE	
Nominal Grid Frequency Range	Grid Voltage Range			277V - 520V (Adjustab l	el	
Ciril Prequency Range	v v				∪ 1	
Power Factor THOI	· · ·					
ThDI	· · · · · · · · · · · · · · · · · · ·				· ·	
Nominal Output Power 12,000	Power Factor		> 0,99 @	Prated power (Adjustable (0,8 LD - 0,8 LG)	
Nominal Output Power 12,000W 15,000W 20,000W 25,000W 30,000W Nominal Output Current 3718,2A 3 x 32,7A 3 x 30,3A 3 x 37,9A 3 x 45,5A 7 x 20,000W 20,000W 20,000W 20,000W 30,000W 36,000W 36,	THDI			<3% (Rated Power)		
Nominal Output Power 12,000W 15,000W 20,000W 25,000W 30,000W Nominal Output Current 3718,2A 3 x 32,7A 3 x 30,3A 3 x 37,9A 3 x 45,5A 7 x 20,000W 20,000W 20,000W 20,000W 30,000W 36,000W 36,	put (Back up)					
Nominal Output Current 3*18.2A 3 x 22.7A 3 x 30.3A 3 x 37.9A 3 x 45.5A Peak Output Apparent Power [5min] 14.400VA 18.000VA 24.000VA 30.000VA 37.000VA Nominal Cutput Valtage 380V/400V/415V, 3W*N*PE Nominal Output Frequency 380V/400V/415V, 3W*N*PE Timpset Time 10ms typical Timpset Time 10ms typical Timbut 780 780 780 Timpset Time 10ms typical Timbut 780 780 780 Anti-islanding Protection 780 AC Over Current Protection 780 AC Over Current Protection 780 AC Over Current Protection 780 AC Short Circuit Protection 780 AC Short Circuit Protection 780 AFGI 780 780 AMAX.Operation Altitude 780 780 ANAX.Operation Altitude 780 780 ANAX.Operation Altitude 780 780 ANAX.Operation Altitude 780 780 ANAX.Operation Burgee 786 780 ANAX.Operation Altitude 780 780 ANAX.Operation Burgee 780 780 ANAX.Operation Altitude 780 780 ANAX.Operatio		12 000W	15.000W	20 000W	25 000W	30 000W
Peak Output Apparent Power Smin 14,400VA 18,000VA 24,000VA 30,000VA 36,000VA 36,000VA 7,000VA 30,000VA 37,500VA 45,000VA 30,000VA 37,500VA 45,000VA 30,000VA 37,500VA 45,000VA 45,00	•					
Peak Output Apparent Power (10s) 18,000VA 22,500VA 30,000VA 37,500VA 45,000VA Nominal Output Valtage 380V/400V/415V, 3W+NFE Nominal Output Valtage 50tz/60Hz Transfer Time 10ms typical Transfer Time 10ms typical Transfer Time 10ms typical Transfer Time 10ms typical The V						
Nominal Output Voltage 380V/400V/415V, 3W+N+PE Nominal Output Frequency 50Hz/60Hz Transfer Time 10ms typical THDV <3% @100% R Load						
Nominal Output Frequency Transfer Time 10ms typical 10ms typical 11mt		18,000VA	22.500 V A			45.000 V A
Transfer Time Transfer Time TIMDV Cass Cass Cass	, g			380V/400V/415V, 3W+N	1+PE	
### Class Class Protection Category	Nominal Output Frequency					
Protection Category						
Protection Category	Transfer Time					
DC Switch	Transfer Time THDV			10ms typical		
Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI AFCI AFCI AFCI AFCI AFCI AFCI AC Optional AFCI AC Operating Protection Degree AC AFCI AC A	Transfer Time THDV			10ms typical		
AC Over Current Protection Yes DC/AC Overvoltage Protection DC Type II, AC Type III AC Short Circuit Protection Yes DC Reverse Protection Yes Surge Arrester DC Type II, AC Type II Insulation Resistance Detection Yes AFCI Optional Leakage Current Protection Yes Max.Operation Altitude 4000m (>2000m derating) Ingress Protection Degree IP66 Operating Temperature Range -25-60°C (>45°C derating) Relative Humidity Natural Cooling Smart Fan Cooling Cooling Method Natural Cooling Smart Fan Cooling Mounting Wall bracket Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm 55kg Weight 45kg 55kg PV Connection Way MC4/H4 55kg Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI Itication VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413, JUNE 217002, IEC 61727/62116 IEC/EN 62109-1 & & EIC/EN 61000	Transfer Time THDV ection			10ms typical <3% @100% R Load		
AC Over Current Protection DC/AC Overvolfage Protection DC Type II, AC Type III AC Short Circuit Protection PYes DC Reverse Protection DC Reverse Protection Surge Arrester Surge Arrester DC Type II, AC Type II Insulation Resistance Detection AFCI AFCI Leakage Current Protection East Surge Arrester Mox.Operation Altitude AFCI Mox.Operation Altitude ANOUM (>2000m derating) Ingress Protection Degree IP66 Operating Temperature Range Coperating Temperature Range ANOunting Natural Cooling Mounting Mounting Weight ANOunting Weight ASkg PV Connection Way Bluetooth & APP + LED Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI Incitation VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC First Safety & EMC Sa	Transfer Time THDV ection Protection Category			10ms typical <3% @100% R Load Class I		
DC/AC Overvaltage Protection DC Type II. AC Type III AC Short Circuit Protection Yes DC Reverse Protection Yes Surge Arrester DC Type II. AC Type II Insulation Resistance Detection Yes AFCI Optional Leakage Current Protection Yes Max. Operation Altitude 4000m (>2000m derating) Ingress Protection Degree IP66 Operating Temperature Range -25-60°C (>45°C derating) Relative Humidity 0~100% Cooling Method Natural Cooling Smart Fan Cooling Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optiond: Wi-Fi/LAN, 2 x DO, 2 x DI iffcation VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413, UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & & EIC/EN 61000	Transfer Time THDV ection Protection Category DC Switch			10ms typical <3% @100% R Load Class I Yes		
AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection Wax.Operation Altitude Max.Operation Altitude Operating Temperature Range Copiang Method Natural Cooling Mounting Mounting Mounting Mounting Weight Weight Afskg PV Connection Way Display Display Display Communication RS 485/CAN (for BMS), RS 485, DRM/RS 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI inc/fication Grid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413, UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & IEC/EN 61000 Insulation Resistance Press Pyes Display	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection			10ms typical <3% @100% R Load Class I Yes Yes		
DC Reverse Protection Yes Surge Arrester DC Type II. AC Type II. AC Type III. AC T	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection			10ms typical <3% @100% R Load Class I Yes Yes Yes		
Surge Arrester DC Type II. AC Type II Insulation Resistance Detection Yes AFCI Optional Leakage Current Protection Yes Wax. Operation Plot It	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II	II	
Insulation Resistance Detection Yes AFCI AFCI AFCI AFCI AFCI AFCI AFCI AFCI	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II	II	
AFCI Leakage Current Protection Nax. Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Natural Cooling Mounting Mounting Mounting Wall bracket Dimensions (W*H*D) Weight PV Connection Way Display Display Communication R\$485/CAN {for BMS}, R\$485, DRM/R\$485 {for Meter}, Optional: Wi-Fi/LAN, 2 x DO, 2 x DI ification Grid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & EIC/EN 61000 VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & EIC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes Yes		
Leakage Current Protection Yes Iteral Max.Operation Altitude 4000m (>2000m derating) Ingress Protection Degree IP66 Operating Temperature Range -25~60°C (>45°C derating) Relative Humidity 0~100% Cooling Method Natural Cooling Smart Fan Cooling Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 & COM Display Bluetooth & APP + LED Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI iffication VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413, UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & & & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester			10ms typical <3% @100% R Load Class I Yes Yes Tes Yes DC Type II, AC Type II Yes Tes Yes Yes Tes Tes Tes Tes Tes		
Max.Operation Altitude	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type II Yes DC Type II, AC Type II Yes		
Max. Operation Altitude 4000m (>2000m derating) Ingress Protection Degree IP66 Operating Temperature Range -25~60°C (>45°C derating) Relative Humidity 0~100% Cooling Method Natural Cooling Smart Fan Cooling Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 ECOM Bluetooth & APP + LED Communication RS 485/CAN (for BMS), RS 485, DRM/RS 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI ilication VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type II Yes DC Type II, AC Type II Yes OD Type II, AC Type II		
Ingress Protection Degree IP66 Operating Temperature Range -25~60°C (>45°C derating) Relative Humidity 0~100% Cooling Method Natural Cooling Smart Fan Cooling Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS 485/CAN (for BMS), RS 485, DRM/RS 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI ification VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & EC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type II Yes DC Type II, AC Type II Yes OD Type II, AC Type II		
Operating Temperature Range -25~60°C (>45°C derating) Relative Humidity 0~100% Cooling Method Natural Cooling \$mart Fan Cooling Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS 485/CAN (for BMS), RS 485, DRM/RS 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI Ification VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & EC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-Islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type I Yes OC Type II, AC Type I Yes Optional	I	
Relative Humidity 0~100% Cooling Method Natural Cooling Smart Fan Cooling Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PY Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI ification VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes Yes DC Type II, AC Type I Yes Optional Yes 4000m (>2000m derati	I	
Cooling Method Natural Cooling Smart Fan Cooling Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI ification VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection teral Max.Operation Altitude Ingress Protection Degree			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type I Yes Optional Yes 4000m (>2000m derati IP66	l ng)	
Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI ification VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection teral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type I Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati	l ng)	
Mounting Wall bracket Dimensions (W*H*D) 660mm x 596mm x 235mm Weight 45kg 55kg PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI ification Forid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection teral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type I Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati	l ng)	
Dimensions (W*H*D) 660mm x 596mm x 235mm Weight PV Connection Way 45kg 55kg PV Connection Way MC4/H4 **ECOM Display Display Display Communication R\$485/CAN (for BM\$), R\$485, DRM/R\$485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI Iffication Grid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC EC/EN 62109-1 & 2 & EC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection meral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity		Natural Coolina	10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type I Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati	ng)	rt Fan Cooling
Weight PV Connection Way 45kg 55kg PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS 485/CAN (for BMS), RS 485, DRM/RS 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI lification Grid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection meral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method		Natural Cooling	10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati	ng)	rt Fan Cooling
PV Connection Way MC4/H4 & COM Bluetooth & APP + LED Communication RS 485/CAN (for BMS), RS 485, DRM/RS 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI lification Grid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection meral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting		Natural Cooling	10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100%	ng) ng) Sma	rt Fan Coo l ing
Display Bluetooth & APP + LED	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection meral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D)			10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100%	ng) ng) Sma	Ů
Display Bluetooth & APP + LED Communication RS 485/CAN (for BMS), RS 485, DRM/RS 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI lification VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection meral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight			10ms typical <3% @100% R Load Class I Yes Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 238	ng) ng) Sma	ū
Communication R\$ 485/CAN (for BM\$), R\$ 485, DRM/R\$ 485 (for Meter), Optional: Wi-Fi/LAN, 2 x DO, 2 x DI lification VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413, UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight PV Connection Way			10ms typical <3% @100% R Load Class I Yes Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 238	ng) ng) Sma	ū
Grid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight PV Connection Way & COM			10ms typical <3% @100% R Load Class I Yes Yes Yes OC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 235 MC4/H4	ng) ng) Sma	ū
Grid VDE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight PV Connection Way & COM			10ms typical <3% @100% R Load Class I Yes Yes Yes OC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 235 MC4/H4	ng) ng) Sma	ū
Grid V DE 4105, EN 50549-1, CEI 0-21, RD 1699/661/647/413,UNE 217002, IEC 61727/62116 Safety & EMC IEC/EN 62109-1&2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection teral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight PV Connection Way & COM Display	RS 4	45kg	10ms typical <3% @100% R Load Class I Yes Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 233 MC4/H4 Bluetooth & APP + LE	ng) ng) Sma 5mm	55kg
Safety & EMC IEC/EN 62109-1 & 2 & IEC/EN 61000	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight PV Connection Way & COM Display Communication	RS 4	45kg	10ms typical <3% @100% R Load Class I Yes Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 233 MC4/H4 Bluetooth & APP + LE	ng) ng) Sma 5mm	55kg
	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection teral Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight PV Connection Way E.COM Display Communication ification		45kg 185/CAN (for BMS), RS4	10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 233 MC4/H4 Bluetooth & APP + LE 85, DRM/RS 485 (for Meter)	ng) ng) Sma 5mm D , Optional: Wi-Fi/LAN	55kg 1, 2 × DO, 2 × DI
	Transfer Time THDV ection Protection Category DC Switch Anti-islanding Protection AC Over Current Protection DC/AC Overvoltage Protection AC Short Circuit Protection DC Reverse Protection Surge Arrester Insulation Resistance Detection AFCI Leakage Current Protection Max.Operation Altitude Ingress Protection Degree Operating Temperature Range Relative Humidity Cooling Method Mounting Dimensions (W*H*D) Weight PV Connection Way & COM Display Communication lification Grid		45kg 185/CAN (for BMS), RS4i DE 4105, EN 50549-1, CE	10ms typical <3% @100% R Load Class I Yes Yes Yes DC Type II, AC Type II Yes Optional Yes 4000m (>2000m derati IP66 -25~60°C (>45°C derati 0~100% Wall bracket 660mm x 596mm x 23: MC4/H4 Bluetooth & APP + LE 85, DRM/RS485 (for Meter)	ng) sma 5mm D , Optional: Wi-Fi/LAN	55kg 1, 2 x DO, 2 x DI



Grid-tied Inverter Application: Commercial & Industrial Places





BE30-50KW-3PG

30kW-50kW



Remote monitoring, configuration and upgrade







Replaceable DC&AC Type II SPC protection



Quick commissioning via mobile



IP66 protection for outdoor application



4 MPPTs with 150% DC overload



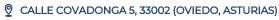
Maximum efficiency up to 98.5%



Optional: AFCI, Night SVG, I/V detection and integrated PID









BE30-50KW-3PG

30kW-50kW

Model Efficiency	BE30KW-3PG	BE50KW-3PG
Max. Efficiency	98.5	%
European Efficiency	98,0%	97.9%
Input (PV)		
Max. Input Voltage	1100	V
Max. PV Configuration (STC)	1509	%
Rated Input Voltage	620'	V
Max. Input Current	40A+2*32A	40A+3*32A
Max.Short Circuit Current	50A+2*45A	50A+3*45A
Start Input Voltage	200	V
MPPT Operating Voltage Range	180V-10	000V
Max. Number of PV Strings	2/2/2	2/2/2/2
No. of MPPTs	3	4
Output (Grid)		
Rated AC Active Power	30,000W	50,000W
Max. AC Apparent Power	33,400VA	55,600VA
Max. AC Output Current	3*51A	3*84.3A
Rated AC Voltage	380V/400V/415V, 3W	V+N+PE or 3W+PE
AC Voltage Range①	320V-520V (A	Adjustable)
Rated Grid Frequency	50Hz/6	50Hz
Grid Frequency Range②	45-55Hz/55-65H	z (Adjustable)
THDI	<3% (Rated	d Power)
DC Current Injection	<0.59	%In
Power Factor	>0.99 Rated power (Adj	ustable 0.8 LD-0.8 LG)
Protection		
DC Switch	Ye	
Anti-Islanding Protection	Yes	
AC Overcurrent Protection	Ye	
AC Short Circuit Protection	Ye:	
DC Reverse Protection	DC Type II/	
Surge Arrester	Ye:	
Insulation Detection	Ye	
Leakage Current Protection	Optic	
PV String Monitoring Consumption Monitoring	Optic	
Consumption Monitoring General		
Topology	Transforr	merless
IP Rating	IP6	6
Night Self Consumption	<1W (Sta	ndard)
Cooling	Natural cooling	Fan cooling
Operating Temperature Range	-25°C-(60°C
Relative Humidity Range	0-100	0%
Max. Operating Altitude	4000	0m
Dimensions (W*H*D)	635mm*530m	*00.4
Difficisions (W H D)		nm*224mm
Weight	36Kg	nm*224mm 42Kg
		42Kg
Weight	Wireless & APP+L	42 Kg ED, LCD (Optional)
Weight HMI & COM Display Communication	Wireless & APP+L	42Kg
Weight HMI & COM Display Communication Certification	Wireless & APP+L RS485, Optional	42Kg ED, LCD (Optional) : WiFi/GPRS/LAN
Weight HMI & COM Display Communication	Wireless & APP+L RS485, Optional IEC 62109-1,	42 Kg ED, LCD (Optional)

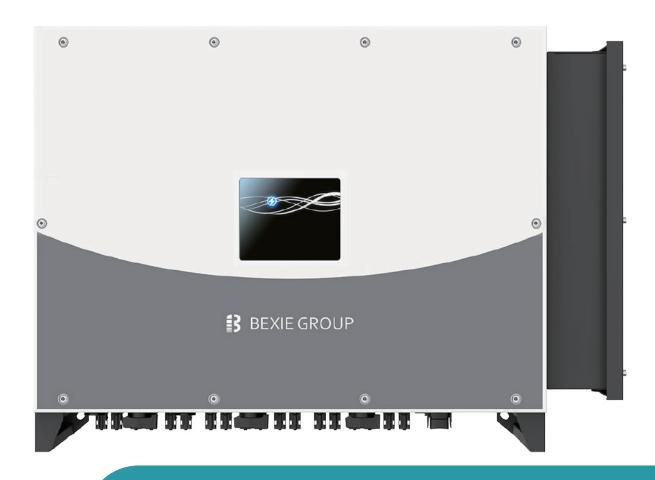
% +34 985 194 232

♥ CALLE COVADONGA 5, 33002 (OVIEDO, ASTURIAS)



Grid-tied Inverter Application: Commercial & Industrial Places





BE100-110KW-3PG

100kW/110kW



Remote monitoring, configuration



IP66 protection for outdoor application



Compatible with large PV modules



9 MPPTs with 150% DC overload



Replaceable DC&AC Type II SPC protection



Maximum efficiency up to 98.8%



Quick commissioning via mobile



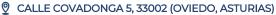
Optional: AFCI, Night SVG, I/V detection and integrated PID











 $\textbf{Remarks:}\quad \mathbb{O} \mathbb{O} \mathbb{D} \text{ The range of output voltage and frequency may vary depending on different grid codes.}$

BE100-110KW-3PG

Power Factor >0.99 Rated power (Adjustable 0.8 LD-0.8 LC) Protection DC Switch Yes Anti-Islanding Protection Yes AC Overcurrent Protection Yes AC Short Circuit Protection Yes DC Reverse Protection Yes Surge Arrester DC Type II/AC Type II Insulation Detection Yes Leakage Current Protection Yes AFCI Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional Ceneral Optional Topology Transformerless IP Rating IP66 Night Self Consumption <10W (Standard)	Model	BE100KW-3PG	BE110KW-3PG
Septembly September		98.5%	98.8%
Max. hps. Vibrage			
Max. Py Configuration (STC) 150%			
Rated Injust Voltage 620V Miss. Proct Current 3*40A-6*32A 3*40A-6*32A Miss. Proct Current 3*50A-6*45A 3*50A-6*45A Start Inpus Voltage 250V/200V Max. Number of PV Strings 16 (8*2) 18 (8*2) Max. Number of PV Strings 8 9 Moc. MPPTs 8 9 Output (Circl) 110,000W Bated A Active Power 100,000W 100,000W Max. AC Apparent Power 110,000W 123,000VA Max. AC Output Current 3*18.88A 3*187A Bated A C Voltage 400V, 3W/N+PE or 3W+PE AC Voltage Range@ 200V-320V (Adjustable) Rated Grid Frequency 50 Hz/Schtz Circl Frequency Range@ 45 Hz/sc5Hz/Schtz-65Hz (Adjustable) THDI 45 Hz/sc5Hz/schtz-65Hz (Adjustable) <td>Max. Input Voltage</td> <td></td> <td>1100V</td>	Max. Input Voltage		1100V
Max Short Current ### Signature #	Max. PV Configuration (STC)		150%
Max.Short Circuit Current 350A+646A 350X200V	Rated Input Voltage		620V
Stant input Voltage 250V/200V MPPT Operating Voltage Range 200V/1000V MAR Number of Voltages 16 (8°21) 18 (9°2) No. of MIDTS 8 9 Output (Orig) 110,000W 110,000W Max AC AC Active Power 100,000W 110,000W Max. AC Output Curront 3*168.8A 3*197A Rated AC Voltage 4,000,38**+*PE or 38**-PE AC Voltage Range(I) 320**-820** (Adjustable) Rated AC Voltage 4,59**-85**-85** (Adjustable) AC Voltage Range(I) 320**-820** (Adjustable) AC Voltage Range(I) 45**-76**-76** (Adjustable) AC Voltage Range(I) 45**-76**-76** (Adjustable) Protection 45**-76**-76** (Adjustable) DC Current Injection 40**-76** (Adjustable) Protection Yes Power Factor Yes Power Factor Yes Power Factor Yes Power Factor Yes AC Short Circuit Protection Yes AC Short Circuit Protection Yes Surge Arrester	Max. Input Current	3*40A+5*32A	3*40A+6*32A
MBEPT Operating Voltage Range	Max.Short Circuit Current	3*50A+5*45A	
Max. Number of PV Strings 16 (9*2) 18 (9*2) No. of MPDTS 8 9 Output Cord) PODUPATE (700) Rated AC Active Power 100,000W 110,000W Max. AC Output Current 3*1680A 3*187A Rated AC Voltage 4004,3W+N-PE or 3W+PE 3*187A AC Voltage Range(D) 320*520V (Adjustable) Rated Grid Frequency 5555+19/55H+26-6Hz (Adjustable) Grid Frequency Range(D) 459*55H2/55H+26-6Hz (Adjustable) THDI 45% (Rated Power) DC Current Injection 40558In Power Factor >0.99 Rated power (Adjustable 0.8 LD-0.8 LG) Protection Yes Power Factor >0.99 Rated power (Adjustable 0.8 LD-0.8 LG) Protection Yes AC Short Circuit Protection Yes AC Short Circuit Protection Yes AC Short Circuit Protection Yes DC Reverse Protection Yes Surge Arrester DC Type II/AC Type II Insulation Detection Yes Post String Monitoring Yes <			
No. of MINISTY No.		7.5 (0*0)	
Output (Grid) Ito,ocoow Ito,ocoow Rated AC Active Power 100,000W 100,000W Max AC Apparent Power 111,000VA 123,000VA Max AC Output Current 3°1688A 3°187A Rated AC Voltage 400V,3W-N-PE or 3W-PE AC Voltage Ranged® 320V-200V (Adjustable) Act Seated Grid Frequency 50Hz/60Hz Grid Frequency Ranged® 45Hz-95Hz/85Hz-65Hz (Adjustable) THDI 45Hz-95Hz/85Hz-65Hz (Adjustable) THDI 45Hz-95Hz/85Hz-65Hz (Adjustable) THDI 45Hz-95Hz/85Hz-65Hz (Adjustable) THDI 45Hz-95Hz/85Hz/85Hz-65Hz (Adjustable) THDI 45Hz-95Hz/85Hz/85Hz (Adjustable) THDI 45Hz-95Hz/85Hz/85Hz/85Hz (Adjustable) THDI 45Hz-95Hz/85Hz/85Hz/85Hz (Adjustable) AC Conserved 45Hz-95Hz/85Hz/85Hz/85Hz/85Hz/85Hz/85Hz/85Hz/8			
Max. AC Apparent Power Max. AC Output Current Max. AC Output Current Max. AC Output Current Max. AC Output Current Max. AC Voltage Max. AC Short Circuit Max. Max. Max. Max. Max. Max. Max. Max.		0	9
Max. AC Apparent Power 11,000VA 123,000VA Max. AC Output Current 3168.8A 3187A Asted AC Voltage 4,00V, 3W+N+PE or 3W+PE AC Voltage Range® 320V-S20V (Adjustable) Rated Grid Frequency 50Hz/60Hz Grid Frequency Range® 4,5Hz-S5Hz/55Hz-S5Hz/65Hz (Adjustable) FITHI <33% (Rated Power) DC Current Injection <0.998 nated power (Adjustable 0.8 LD-0.8 LG) Protection Vos DC Switch Yes AC Overcurrent Protection Yes AC Overcurrent Protection Yes AC Short Circuit Protection Yes AC Short Circuit Protection Yes DC Reverse Protection Yes Surge Arrester DC Type II/AC Type II Insulation Detection Yes AFCI Optional PD Recovery Optional PV String Monitoring Optional Consumption Monitoring Optional Consumption Monitoring Transformerless IP Rating IP Recommenders IP Rating	Rated AC Active Power	100.000W	110,000W
Max. AC Output Current \$1188.8A \$1187A Rated AC Voltage 400V, 3WN-N-PE or 3W+PE AC Voltage Range① \$20V-\$20V (Adjustable) Rated Cirid Frequency \$50Hz/60Hz Grid Frequency Range② 45Hz-55Hz/55Hz-65Hz (Adjustable) THDI 43% (Rated Power) DC Current Injection \$0.5%In Power Factor >0.99 Rated power (Adjustable 0.8 LD-0.8 LG) Protection Yes AC Switch Yes AC Switch Yes AC Covercurrent Protection Yes AC Short Circuit Protection Yes AC Short Circuit Protection Yes AC Short Circuit Protection Yes AC Surge Arrester DC Type II/AC Type II Insulation Detection Yes Leakage Current Protection Yes AFCI Optional PV String Monitoring Optional PV String Monitoring Optional Consumption Monitoring Transformerless IP Rating IP Rating IP Rating IP Rating	Max. AC Apparent Power		
Rated AC Voltage 400V, 3W+N+PE or 3W+PE AC Voltage Range① 320V-520V (Adjustable) Rated Grid Frequency 50Hz/60Hz Grid Frequency Range② 45Hz-55Hz/55Hz-65Hz (Adjustable) THDI <5% (Rated Power)	Max. AC Output Current		
AC Voltage Range① 320V-520V [Adjustable] Rated Grid Frequency Grid Frequency SOHz/60Hz Grid Frequency Range② 45Hz-55Hz/55Hz-64Jjustable] THDI CC Current Injection			
Rated Grid Frequency SOH2/60Hz Grid Frequency Range② 45Hz-S5Hz/S5Hz-65Hz (Adjustable) THDI <3% (Rated Power)			
Grid Frequency Range® 45Hz-55Hz/SSHz-65Hz (Adjustable) THDI <3% (Rated Power)			
THDI		45Hz-5	
DC Current Injection <0.5%In Power Factor >0.99 Rated power (Adjustable 0.8 LD-0.8 LC) Protection Ves DC Switch Yes ACD Switch Yes AC Overcurrent Protection Yes AC Short Circuit Protection Yes DC Reverse Protection Yes Surge Arrester DC Type III/AC Type II Insulation Detection Yes Leakage Current Protection Yes AFCI Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional General Optional Topology Transformerless IP Rating IP 66 Night Self Consumption <100% (Standard) Cooling Fan cooling Operating Temperature Range -25°C-60°C Relative Humidity Range 0-100% Max. Operating Altitude 4000m Dimensions (W*H*D) 936mm*678mm*365mm Weight 915Kg 92Kg HM	THDI		
Protection DC Switch Yes Anti-Islanding Protection Yes AC Overcurrent Protection Yes AC Switch Yes CREVERS Protection Yes DC Reverse Protection Yes Using Arrester DC Type II/AC Type II Insulation Detection Yes Leakage Current Protection Yes Leakage Current Protection Yes Leakage Current Protection Yes AFCI Optional PID Recovery Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional PR String Monitoring Transformerless IP Rating IP66 Night Self Consumption <10W (Standard) Cooling Fan cooling Operating Temperature Range -25°C-60°C Relative Humidity Range 0-100% Max. Operating Altitude 4000m Dimensions (W'H'D) 936mm'678mm'365mm Weight HIM & COM Display Wireless & APP+LED, LCD (Optional) Communication RS 485, Optional: WiFi/GPRS/LAN Certification Certification Elec 62109-1, IEC 62109-1, IEC 62109-1	DC Current Injection		
Protection Yes DC Switch Yes Anti-Islanding Protection Yes AC Overcurrent Protection Yes AC Short Circuit Protection Yes DC Reverse Protection Yes Surge Arrester DC Type II/AC Type II Insulation Detection Yes Leakage Current Protection Yes AFCI Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional Topology Transformerless IP Rating IP66 Night Self Consumption <10W (Standard)	Power Factor	>0.99 Rated	
Anti-Islanding Protection AC Overcurrent Protection AC Overcurrent Protection AC Short Circuit Protection AC Short	Protection		
AC Overcurrent Protection AC Short Circuit Protection CR Reverse Protection CR Recovery CR Optional Protection CR Recovery CR Optional Protection CR Reverse Protection CR Reverse Protection CR Reverse Protection CR Reverse Protection CR Relative Humidity Range CR C	DC Switch		Yes
AC Overcurrent Protection AC Short Circuit Protection CR Reverse	Anti-Islanding Protection		Yes
DC Reverse Protection Surge Arrester DC Type II/AC Type II Insulation Detection Yes Leakage Current Protection Yes AFCI Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional PV String Monitoring Transformerless IP Rating IP66 Night Self Consumption Cooling Fan cooling Fan cooling Operating Temperature Range Aux. Operating Altitude Dimensions (W*H*D) Safemy Weight 91.5Kg Wireless & APP+LED, LCD (Optional) Communication RS 485, Optional: WiFi/GPRS/LAN Certification Safety IEC 62109-1, IEC 62109-2	AC Overcurrent Protection		Yes
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Insulation Detection Yes Leakage Current Protection Yes AFCI Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional General Topology Transformerless IP Rating IP66 Night Self Consumption <10W (Standard)	Surge Arrester		DC Type II/AC Type II
Leakage Current Protection Yes AFCI Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional Ceneral Topology Transformerless IP Rating IP66 Night Self Consumption <10W (standard)	Insulation Detection		
AFCI Optional PID Recovery Optional PV String Monitoring Yes Consumption Monitoring Optional Ceneral Topology Transformerless IP Rating IP66 Night Self Consumption 1000 (Standard) Cooling Fan cooling Operating Temperature Range 25°C-60°C Relative Humidity Range 0-100% Max. Operating Altitude 4000 Dimensions (W*H*D) 936mm*678mm*365mm Weight 91.5Kg 92Kg HMI & COM Display Wireless & APP+LED, LCD (Optional) Communication RS 485, Optional: WiFi/GPRS/LAN Certification Safety IEC 62109-1, IEC 62109-2	Leakage Current Protection		
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Consumption Monitoring General Topology Transformerless IP Rating IP66 Night Self Consumption Cooling Fan cooling Operating Temperature Range Plative Humidity Range O-100% Max. Operating Altitude Max. Operating Altitude Dimensions (W*H*D) Sight Self Onsumption Weight Standard) 1-25°C-60°C Relative Humidity Range O-100% Max. Operating Altitude 4000m Dimensions (W*H*D) 936mm*678mm*365mm Weight 91.5Kg 92Kg HMI & COM Display Wireless & APP+LED, LCD (Optional) Communication RS 485, Optional: WiFi/GPRS/LAN Certification Safety IEC 62109-1, IEC 62109-2			
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IP Rating Night Self Consumption Cooling Fan cooling Operating Temperature Range -25°C-60°C Relative Humidity Range 0-100% Max. Operating Altitude 4000m Dimensions (W*H*D) 936mm*678mm*365mm Weight 91.5Kg 92Kg HMI & COM Display Wireless & APP+LED, LCD (Optional) Communication RS 485, Optional: WiFi/GPRS/LAN Certification Safety IEC 62109-1, IEC 62109-2			Transformerless
Night Self Consumption Cooling Fan cooling Operating Temperature Range -25°C-60°C Relative Humidity Range Operating Altitude Max. Operating Altitude Max. Operating Altitude Dimensions (W*H*D) 936mm*678mm*365mm Weight 91.5Kg 92Kg HMI & COM Display Wireless & APP+LED, LCD (Optional) Communication RS 485, Optional: WiFi/GPRS/LAN Certification Safety IEC 62109-1, IEC 62109-2			
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Communication RS 485, Optional: WiFi/GPRS/LAN Certification Safety IEC 62109-1, IEC 62109-2		Wireles	s & APP+LED, LCD (Optional)
Certification Safety IEC 62109-1, IEC 62109-2			
Safety IEC 62109-1, IEC 62109-2			
		IF	C 62109-1, IEC 62109-2
Grid Code EN 50549-1/-2, IEC 61727/62116, VDE-AR-N 4105, UNE 206006/206007-1, UNE 217001	Grid Code		

\$\\$ +34 985 194 232

Warranty







10 Years







600W/800W/1000W

Single-phase Energy Storage System



User-friendly Scenario

Suitable for both on-grid and off-grid application Support for both local LCD and remote APP control



Easy Plug-in

All-in-one design to make your home compact and aesthetic Quick plug-in system, easy installation for everyone



Reliable Application

IP55 outdoor and indoor application Low working temperature down to -15°C



Efficient System

PV system oversizing up to 2000W 4 work modes, 2 battery capacity choices







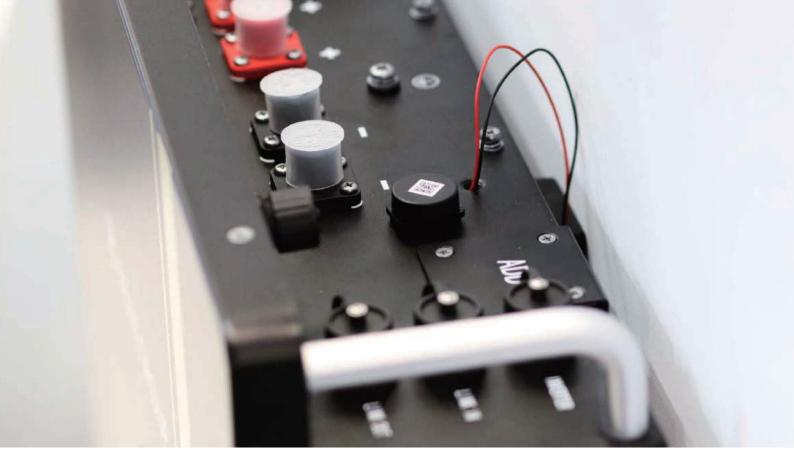




ALL-IN-ONE

600W/800W/1000W

		Te	echnical Datashe	et			
		BXM600/1300	BXM800/1300	BXM1000/1300	BXM600/2400	BXM800/2400	BXM1000/2400
	Max. PV array power	2000 Wp	2000 Wp	2000 Wp	2000 Wp	2000 Wp	2000 Wp
	Max. input voltage			50)V		
	MPP voltage range / rated input voltage			16V to 50	OV / 40V		
	Min. input voltage / start voltage			26V /	30vV		
	No. of independent MPPT trackers / strings per MPPT input	2/2	2/2	2/2	2/2	2/2	2/2
put	Max. input current per MPP tracker			28	SA.		
PV input	Max. short-circuit current per MPP tracker			39	'A		
	Rated battery energy		1.3kWh			2.4kWh	
Battery input	Rated capacity		27 Ah			50Ah	
Bat	Battery type			Life	PO4		
	Nominal AC voltage			220V / 230	OV / 240V		
	AC voltage range			154 V -	· 276 V		
	Rated AC grid frequency			50 Hz /	′ 60 Hz		
	AC grid frequency range			45-55 Hz /	′ 55-65 Hz		
grid	Rated apparent power	600 VA	AV 008	1000 VA	600 VA	800 VA	1000 VA
Ö	Max. apparent power	600 VA	AV 008	1000 VA	600 VA	AV 008	1000 VA
AC output(On-grid)	Rated grid output current (@230 V)	2.6 A	3.5 A	4.4 A	2.6 A	3.5 A	4.4 A
o t	Max. grid output current	2.8 A	3.8 A	4.8 A	2.8 A	3.8 A	4.8 A
AC	Harmonics THDi (@ Nominal power)			< 3 % (of non	ninal power)		
	Rated grid voltage			220V / 230	OV / 240V		
	Rated grid frequency			50 Hz /	′ 60 Hz		
	Max. input power from grid			100	O W		
	Max. input current from grid			4.8	3 A		
	Nominal output voltage			230	OV		
	Nominal output frequency			50 Hz /	′ 60 Hz		
	Rated apparent power			1000) VA		
output(Off-grid)	Peak output apparent power			1600V	A, 60 s		
j.	Rated output current (@230 V)			4.4			
thort.	Max. output current			4.8			
	Output THDv (@ Linear load)			< 2			
AC	EPS model			Manua			
Effici- ency	MPPT efficiency			99.9			
出る	Max. Battery to load efficiency			92.0	0 %		
	Power factor at rated power / adjustable range			1 / 0.8 leading	to 0.8 lagging		
	Topology			Isolo			
	Dimensions (W / H / D)			600 / 400	/ 310mm		
	Weight		30.5 kg			37.5 kg	
	Operating temperature range			-15 °C	. +45 °C		
գ	Cooling concept			Fan C	ooling		
<u> </u>	Degree of protection (as per IEC 60529)			IPS	55		
General data	Max. relative humidity			95	%		
Q e	Max. operating altitude			3000	0 m		
S	User interface			LCD 8	k App		
Features	Zero-export interface			C	T		
Fe	Internet communication interfaces			W			
S	Grid			VDE 4105 /	' EN 50549		
ate	Safety			IEC/EN 62109-1,	IEC/EN 62109-2		
Certificates	EMC		IEC/E	N 61000-6-1/-2/-3/	-4, IEC/EN 61000-	-3-2/-3	
ပီ	Battery			IEC62619	, UN 38.3		



Solar storage for when you need it

At **BEXIE GROUP** we want you to use the energy you generate when you want it thanks to our storage solutions.

Ensure a constant supply of powerful and safe energy, providing clean energy for your daily life, no matter the time or weather conditions. You can also easily monitor your load and consumption via our intuitive mobile App.

Solar energy in a smart way.

Safe and reliable storage technology, with LFP-safe technology and comprehensive BMS protection that constantly monitors the state of charge.

It's IP65 rated design allows for outdoor use and the high quality cells ensure long life cycles.

Benefits

- Cells of the highest quality
- Compact design
- Control over the power consumption and battery charge and discharge levels.
- Low maintenance product



System design adapted to your home.



Solar energy at your disposal day and night.



Protection IP65 outdoor and indoor.



High-quality cells for a longer life cycle.

*Any of our products meets the corresponding quality measures



You are ready to storage energy.

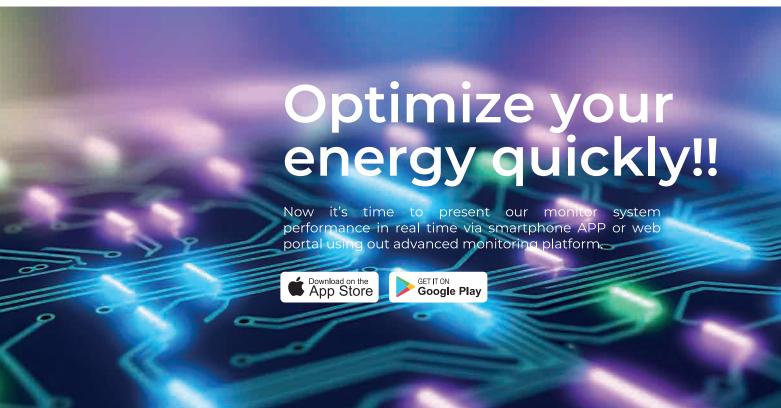
Use advanced technology to optimize solar energy conversion, which means you can make the most of every ray of sunshine.

They are easy to install, making them ideal for both residential and commercial installations and have smart features that allow real-time monitoring, ensuring you are always aware of your energy production.





20



Bexie series

Our batteries are engineered with cutting-edge technology, ensuring exceptional performance and long life. With efficient storage capacity, they allow to maximize the use of solar energy, reducing dependence on non-renewable sources and optimizing the use of energy during non-solar hours.

We offer a wide range of batteries ranging from low voltage to high voltage, suitable for residential, commercial and industrial projects.







BXB 10-30KHV 10 - 30kWh







BXB 5KLV-PRO

Low Voltage

LiFePO4 BATTERY



Reliable battery cells



Advanced BMS control



Fashionable and slim design



Internal heating for low temperature



IP65 outdoor and indoor application



Parallel capacity up to 160kWh



Wall-mounted or floor-standing installations







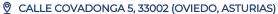












BXB 5KLV-PRO LiFePO4 BATTERY

	Electrical Characteristics
Model	BXB 5KLV-PRO
Rated Capacity	100Ah
Rated Voltage	51.2 V
Rated Energy	5.12kWh
Max. Parallel Quantity	32 sets in parallel, 163.84kWh
Related Charging / Discharge Current	0.6C ,60A
Max Discharge Continuous Current	1C 100A at >70% SOC
Battery Max Charge / Discharge Power	3.07kW/5.12kW
Peak Discharge Current / Power	105A / 5.37kW, 1min
Available SOC Range	0% ~ 100% 90% DOD is recommended
Dimensions[W*D*H]	Width: 460 (±5) mm / 18.11 in, Depth: 165 (±5) mm / 6.50 in, Height: 652 (±5) mm / 25.67 in
Weight	~50Kg
[1*] Operating Temperature	Charging Temperature: $-5^{\circ}\text{C} \sim 55^{\circ}\text{C} / 23^{\circ}\text{F} \sim 131^{\circ}\text{F}$ Discharge Temperature: $-15^{\circ}\text{C} \sim 55^{\circ}\text{C} / 5^{\circ}\text{F} \sim 131^{\circ}\text{F}$
[2*] Storage Temperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F
Working Humidity	5 ~ 95% RH Non-Condensing
Altitude	≤ 2000 m / 6562 ft
Communication	CAN / RS485 / Dry Contact / WiFi (WiFi Stick Optional)
Certification	TÜV / IEC 62619 / IEC 62040 /IEC 61000 / UN38.3 / RoHS / REACH
Cycle Life	6000
	10 Years Limited Warranty
Warranty	

[1*] Recommended Operating Temperature: $10 \sim 30$ °C / 50°F ~ 86 °F [2*] Recommended Storage Temperature: $10 \sim 30$ °C / 50 °F ~ 86 °F









B BEXIEGROUP

BXB 10-30KHV

High Voltage

LiFePO4 BATTERY



Support black start



Quick stackable plug-in design



Support low temperature charging and discharging



IP55 outdoor and indoor application



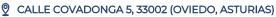
Parallel capacity up to 10 clusters



Reliable battery cells and BMS control









BXB 10-30KHV

LiFePO4 BATTERY

		Electrical (Characteristics			
Model	BXB 5KHV	BXB 10KHV	BXB 15KHV	BXB20KHV	BXB 25KHV	BXB 30KHV
Battery Module Quantity	1 [*]	2	3	4	5	6
Total Capacity			50	Ah		
Nominal Voltage	102.4 V	204.8 V	307.2 V	409.6 V	512 V	614.4 V
Size, W*D*H mm, inches	560*400*503, 22.0*15.7*19.8	560*400*735, 22.0*15.7*28.9	560*400*967, 22.0*15.7*38.1	560*400*1199, 22.0*15.7*47.2	560*400*1431, 22.0*15.7*56.3	560*400*1663, 22.0*15.7*65.5
Total Energy	5.1 kWh	10.2 kWh	15.3 kWh	20.4 kWh	25.6 kWh	30.7 kWh
Rated Charge/ Discharge Current			30 A	, 0.6C		
Weight	89.2 kg, 196.7 lbs	148.1 kg, 196.7 lbs	207.6 kg, 457.7 lbs	266.8 kg, 588.2 lbs	326 kg, 718.7 lbs	385.2 kg, 849.2 lbs
Design Cycle Life		600	00, 0.5C at 25 °C	, 80% DOD, 80%	SOH	
[1*] Operating Temperature			ng Temperature ge Temperature:			
[2*] Storage Temperature			-15 °C~55 °C	C, 5 °F~131 °F		
Self-Discharge Rate of Module			≤2% per month	n, at 25 °C/77 °F		
Max. Parallel Capacity			307	kWh		
Ingress Protection			IP55, in stac	ked up state		
Certificates & Standards		IEC 62619/EN	61000-6-1 & EN 6	61000-6-3/UN38.	3/Rohs, reach	
Warranty			10	years		

^[1*] Recommended operating temperature: 10~30 °C/50 °F~86 °F.

^[2*] Recommended storage temperature: 10~30 °C/50 °F~86 °F

^[*] This product requires a minimum of two battery modules (10kWh) for operation.



Charge your life with solar energy (5)

Discover the advantages we offer you from **BEXIE GROUP** when charging your electric car with our EV charger.

Solar energy has become the best ally to reduce costs and make flexible energy in our lives. Committed to sustainability, our EV charger not only promotes an environmentally friendly lifestyle but also contributes to reducing the carbon footprint by making every trip more responsible.

The best friend in mobility!

With cutting-edge technology, it ensures safe and optimized charging, allowing users to recharge their vehicles in record time.

In addition, its compact and elegant design integrates perfectly into any environment, whether in homes, offices or public spaces.

Benefits

- Higher self-consumption
- Environmentally responsible mobility
- Connect all the computers in your network
- Agile and rapida loading



13 BEXIE GROUP

Plug in with innovation and drive.

Equipped with quick-charge AS and ASP plugs, it allows you to recharge your vehicle in record time without compromising safety.

It also has an innovative remote control that allows you to monitor and manage your car's energy consumption, giving you the power to optimize each charging session. This functionality not only facilitates everyday use, but also contributes to more efficient energy management, making our charger a smart and practical choice for any driver committed to sustainability.













EV Charger

AC Single-phase/Three-phase

BXC-B 7.4-22kW



Easy installation and user-friendly scenario



Controlled by APP, WIFI or bluetooth connection.



IP65 & IK10 certication



Dynamic load balancing function













EV Charger

BXC-B 7.4-22kW

Model	BXC-B 7.4kW	BXC-B 22kW
Input & Output		
Input & Output Voltaje	AC 230V (1-Phase)	AC 400V (3-Phase)
Input Frequency	50,	/60Hz
Tetherd/Socket		·/-
Output Power	1.3kW to 7.4kW	7kW to 22kW
Output Current	6A to 32A	10A to 32A
Meter	Built-in metering chip + e	external MID meter (optional)
Residual Current Detection	DC	C 6 mA
Socket Type	Type 2 Sock	et with Sutter
User Interface & Control		
Network Interface	WIFI & Bluetoc	th & Ethernet & 4G
RFID Reader		Yes
Status Indication	LE	D ring
Function modes	Solar mode, ba	lance loads mode
Working Environment		
Ingress Protection	I	P65
Maximun Altitude	<2	000m
Storage Temperatura	-40	~85°C
Operating Temperature	-30	~55°C
Mechanical		
Impact Protection Class		K10
UV Resistant		Yes
Mounting	Wall	or Pole
Housing		1etal
Dimensions (W/H/D)	278/360	D/152 mm
Length of gun cable		5m
Weight	1	2kg
Safety		
Over Voltage & Under		Yes
Voltage Protection		
Contactor Adhesion Protection		Yes
Lightning Protection		Yes
Over Temperature Protection		Yes
Emergency Stop		Yes
Over Current Protection		Yes
CP Signal Short Circuit Protection		Yes
Certifications	CE, TUV/ E	N / IEC 61851-1



New technology in Solar Kit



At **BEXIE GROUP** we are proud to present our innovative solar kits, which combine high-efficiency solar panels, state-of-the-art inverters and advanced storage batteries.

These kits are designed to provide a comprehensive renewable energy solution, allowing users to generate, store and use their own solar energy in an efficient and sustainable manner. Ideal for homes, businesses and community projects, our kits not only reduce reliance on conventional energy sources, but also contribute to a cleaner, more environmentally friendly future. With easy installation and reliable performance, our solar kits are the perfect choice for those looking to maximize their use of solar energy.

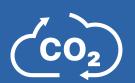
The perfect solution is here!

Designed to suit the particular needs of each home, offering customized solutions that maximize the use of solar energy.

Each kit can be configured according to your specific home energy consumption, allowing you to choose the ideal combination of panels, inverters and batteries.

Benefits

- Responsible and sustainable consumption with the environment
- Energy and money saving
- Control of the energy distribution from App
- 100% customizable



Solution to take care of the planet.



Saves money with all the ESS System



Quality and pre-post sales service warranty



Customized to your home needs

*Any of our Solar Kit meets the corresponding quality measures.



Everything at your fingertips!

Their installation and use is becoming easier, empowering households to adopt a more environmentally friendly and self-reliant lifestyle, contributing to the transition towards a more responsible energy future.

Equipped with photovoltaic panels, inverters and batteries, these kits facilitate the generation of clean electricity and the possibility to store energy for use in times of high demand.











Bexie Group Heat Pumps are a highly efficient system for heating water using ambient air, with a COP > 4.

At BEXIE GROUP, we believe that true innovation goes beyond energy savings—it means creating solutions that are efficient and sustainable.

Whether you're upgrading your home or looking for a greener solution for heating water, BEXIE GROUP has the expertise and technology to support your transition to clean, smart energy.

WHAT IS AN AIR-TO-WATER HEAT PUMP?

An air-to-water heat pump is an electrical device that takes heat from ambient air and transfers it to water.

And provide heating or hot water inside the home, in the most efficient and sustainable way. It is an extremely energy-efficient way of heating or sanitizing hot water for every home while also reducing your household's carbon emissions.









Sustainable hot water

System design adapted to vour home.

Progressive increase of your energy saving

High-quality product for a longer life cycle.

*Any of our products meets the corresponding auglity measures

BENEFITS

- · Built with high-performance components.
- · Highky energy efficiency product.
- · Reduce your carbon footprint and energy bills.
- · Low maintenance and long lifespan.
- · COP>4.



33







E SERIES-FLOOR



Horizontal/Vertical design, space saving



Intelligent & auto operation



Stainless steel tank, long service life



External condenser coil, safe and reliable



Outlet water temp out to 75°C



R290 Eco refirgerant MODBUS communication



Sterilization function, high pressure protection





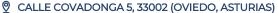












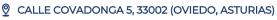
Specifications are subject to change without advanced noticed.

HEAT PUMP E SERIES-FLOOR

Model	KR20/200DN5W-D8	KR20/250DN5W-D8	KR20/300DN5W-D8
Heat Pump			
Rated power input (W)	505	505	505
Rated current (A)	2.20	2.20	2.20
Max input power (W)	860	860	860
Max input current (A)	3.74	3.74	3.74
Power supply (V / Hz)	220-240v~/50Hz	220-240v~/50Hz	220-240v~/50Hz
Load profile	L	L	XL
Energy efficiency class*	A+	A+	A+
COP DHW*	3.24	3.27	3.49
Heating time (h:min)*	7:04	9:44	10:42
V40 ErP (L)*	251	325	383
AEC (kWh)*	761	753	1173
COP DHW**	3.66	3.77	3.93
Heating time (h:min)*	6:05	7:35	9:13
V40 ErP (L)*	252	322	381
AEC (kWh)**	672	651	1041
Ambient tem.range (°C)	-7~43	-7~43	-7~43
Max water outlet Temp. (°C)	65	65	65
Refrigerant type and mass (g)	R290 (150g)	R290 (150g)	R290 (150g)
Electric heater			
Rated power input (W)	1500	1500	1500
Rated current (A)	6.52	6.52	6.52
Ambient Temp.range (°C)	-15~43	-15~43	-15~43
Max water outlet Temp. (°C)	75	75	75
Water tank			
Storage volume (L)	200	250	250
Inner tank	Enameled water tank	Enameled water tank	Enameled water tank
Max tank pressure (MPa)	1.0	1.0	1.0
Water inlet/outlet pipe (mm)	DN20	DN20	DN20
Drainage pipe (mm)	DN20	DN20	DN20
Magnesium rod joint (mm)	M33	M33	M33
Others			50
Noise levels [dB (A)]	52	52	52
Water proof class	IPXI	IPXI	IPXI
Anti-shock class	1		
Net size (mm)	Ø662x1350	Ø662x1770	Ø662x1970
Packing size (mm)	725*725*1680	725*725*1920	725*725*2120
N.W (kg)	100.0	110.0	136.0
G.W (kg)	115.0	126.0	152.0
Loading per 20'GP/40'GP	21/48/48 (pcs)	21/48/48 (pcs)	21/48/48 (pcs)

^{1.*} Performance condition: ambient air7°C DB/6°C WB, incoming/final water temperature 10°C /52°C.

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^{2.**} Performance condition:ambient air 14°C DB/13°C WB, incoming/final water temperature 10°C /52°C.

^{3.} Data subject to change with our prior notice.

^{4.} Actual loading quantities according to real packaging dimensions, only for reference.







E SERIES M4 - WALL MOUNTED



Horizontal/Vertical design, space saving



Intelligent & auto operation



Stainless steel tank, long service life



External condenser coil, safe and reliable



Outlet water temp out to 75°C



R290 Eco refirgerant MODBUS communication



Sterilization function, high pressure protection











E SERIES M4 - WALL MOUNTED

Model	KR15 / 80DN5W-M4	KR15 / 100DN5W-M4	KR15 / 120DN5W-M4
Heat Pump			
Rated power input (W)	200	200	200
Rated current (A)	1.0	1.0	1.0
Max input power (W)	350	350	350
Max input current (A)	1.7	1.7	1.7
Power supply (V / Hz)	220-240v~/50Hz	220-240v~/50Hz	220-240v~/50Hz
Load profile	М	М	М
Energy efficiency class*	A+	A+	A+
COP DHW*	2.86	2.98	2.90
Heating time (h:min)*	4:26	5:46	7:19
V40 ErP (L)*	79	106	130
AEC (kWh)*	433	415	425
COP DHW**	3.41	3.31	3.46
Heating time (h:min)*	3:35	4:46	5:55
V40 ErP (L)*	80	106	130
AEC (kWh)**	361	375	355
Ambient tem.range (°C)	-7~43	-7~43	-7~43
Max water outlet Temp. (°C)	65	65	65
Refrigerant type and mass (g)	R290 (150g)	R290 (150g)	R290 (150g)
Electric heater			
Rated power input (W)	1500	1500	1500
Rated power input (W) Rated current (A)	6.52	1500 6.5	6.52
Rated power input (W)			
Rated power input (W) Rated current (A)	6.52		6.52
Rated power input (W) Rated current (A) Max water outlet Temp. (°C)	6.52		6.52
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank	6.52 75	6.5	6.52 75
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa)	6.52 75 80 Enameled water tank 0.8	6.5 100 Enameled water tank 0.8	6.52 75 120
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank	6.52 75 80 Enameled water tank	6.5 100 Enameled water tank	6.52 75 120 Enameled water tank
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm)	6.52 75 80 Enameled water tank 0.8	6.5 100 Enameled water tank 0.8	6.52 75 120 Enameled water tank 0.8
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm)	6.52 75 80 Enameled water tank 0.8	6.5 100 Enameled water tank 0.8	6.52 75 120 Enameled water tank 0.8
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others	6.52 75 80 Enameled water tank 0.8 DN15 -	6.5 100 Enameled water tank 0.8 DN15 -	6.52 75 120 Enameled water tank 0.8 DN15 -
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others Noise levels [dB (A)]	6.52 75 80 Enameled water tank 0.8 DN15 -	6.5 100 Enameled water tank 0.8 DN15	6.52 75 120 Enameled water tank 0.8 DN15 - -
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others Noise levels [dB (A)] Water proof class	6.52 75 80 Enameled water tank 0.8 DN15 -	6.5 100 Enameled water tank 0.8 DN15 -	6.52 75 120 Enameled water tank 0.8 DN15 -
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others Noise levels [dB (A)] Water proof class Anti-shock class	6.52 75 80 Enameled water tank 0.8 DN15 49 IPXI I	100 Enameled water tank 0.8 DN15 INSTITUTE OF THE PROPERTY	6.52 75 120 Enameled water tank 0.8 DN15 55 IPXI I
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others Noise levels [dB (A)] Water proof class Anti-shock class Net size (mm)	6.52 75 80 Enameled water tank 0.8 DN15 - - - 1 49 IPXI I 522*548*1026	6.5 100 Enameled water tank 0.8 DN15 50 IPXI I 522*548*1366	6.52 75 120 Enameled water tank 0.8 DN15 - -
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others Noise levels [dB (A)] Water proof class Anti-shock class Net size (mm) Packing size (mm)	6.52 75 80 Enameled water tank 0.8 DN15 - - - 49 IPXI I 522*548*1026 570*585*1347	100 Enameled water tank 0.8 DN15 50 IPXI I 522*548*1366 570*585*1507	6.52 75 120 Enameled water tank 0.8 DN15 - - 55 IPXI I 522*548*1526 570*585*1667
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others Noise levels [dB (A)] Water proof class Anti-shock class Net size (mm) Packing size (mm) N.W (kg)	6.52 75 80 Enameled water tank 0.8 DN15 - - - 1 49 IPXI I 522*548*1026	6.5 100 Enameled water tank 0.8 DN15 50 IPXI I 522*548*1366 570*585*1507 62	6.52 75 120 Enameled water tank 0.8 DN15 55 IPXI I 522*548*1526 570*585*1667 67
Rated power input (W) Rated current (A) Max water outlet Temp. (°C) Water tank Storage volume (L) Inner tank Max tank pressure (MPa) Water inlet/outlet pipe (mm) Drainage pipe (mm) Magnesium rod joint (mm) Others Noise levels [dB (A)] Water proof class Anti-shock class Net size (mm) Packing size (mm)	6.52 75 80 Enameled water tank 0.8 DN15 - - - 49 IPXI I 522*548*1026 570*585*1347 57	100 Enameled water tank 0.8 DN15 50 IPXI I 522*548*1366 570*585*1507	6.52 75 120 Enameled water tank 0.8 DN15 - - 55 IPXI I 522*548*1526 570*585*1667

^{1.*} Performance condition: ambient air7°C DB/6°C WB, incoming/final water temperature 10°C /52°C.

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^{4.} Actual loading quantities according to real packaging dimensions, only for reference.



^{2.**} Performance condition:ambient air 14°C DB/13°C WB, incoming/final water temperature 10°C /52°C.

^{3.} Data subject to change with our prior notice.







S SERIES - WALL MOUNTED



Horizontal/Vertical design, space saving



Intelligent & auto operation



Stainless steel tank, long service life



External condenser coil, safe and reliable



Outlet water temp out to 75°C



R290 Eco refirgerant MODBUS communication



Sterilization function, high pressure protection

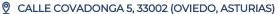












S SERIES - WALL MOUNTED

Model	RS-GAD 100L	RS-GAD 150L
Rated Heating Capacity	900W	900W
Power Supply	220V-50Hz	220V-50Hz
COP (A20)	3.4	3.4
ERP (7°C)	A++	A++
Highest water temperature	75°C	75°C
Electric heater	1.5kW	1.5kW
Electric heater ampere	6.8A	6.8A
Operation condition	-7~35°C	-7~35°C
Refrigerant	R290	R290
Noise (dB)	46dB	46dB
Cover maerial	Steel (with powder coated)	
Heat exchanger	Micro-channel	
Tank material	SS316	SS316
Tank capacity	100L	150L
Water connection	M 3/4"	M 3/4"
Fan - air duct size	Ø125mm	Ø125mm
Water connection	M 3/4"	M 3/4"
Air Flow	260m3/h	260m3/h
Dimension	Ø560-1450mm	Ø560-1480mm









S SERIES - FLOOR STANDING



Horizontal/Vertical design, space saving



Intelligent & auto operation



Stainless steel tank, long service life



External condenser coil, safe and reliable



Outlet water temp out to 75°C



R290 Eco refirgerant MODBUS communication



Sterilization function, high pressure protection













S SERIES - FLOOR STANDING

Model	RS-GAD 100L	RS-GAD 150L
Input power (kW)	0.45	0.45
Current (A)	2.1	2.1
Voltage	220-240	220-240
Heating capacity (kW)	1.8	1.8
Highest water temperature	75°C	75°C
Refrigerant	R290	R290
Electric heather (kW)	2.0	2.0
Max current (A)	12.8	12.8
Max input power (kW)	2.8	2.8
Unit size (mm)	Ø560x1750	Ø650x1920
Net weight (kg)	72	110
Noise (dB)	46	46



Choosing **BEXIE GROUP** as a manufacturer of photovoltaic products is to choose quality, innovation and sustainability. We stand out in the market for our commitment to excellence, offering customized solutions that are adapted to the specific needs of each customer.

Our products are designed with cutting-edge technology and high efficiency materials, ensuring optimal performance and long life. We also have a team of experts who provide exceptional technical support and unmatched customer service.

By choosing Bexie Group, you are not only investing in renewable energy, but also in a more sustainable and efficient future.

Bexie Group services and warranties.

All our teams have warranty and quality certificates so that our customers can rest assured of having the best products on the market.

In addition to customer service during the sale of all products and having official installers.



