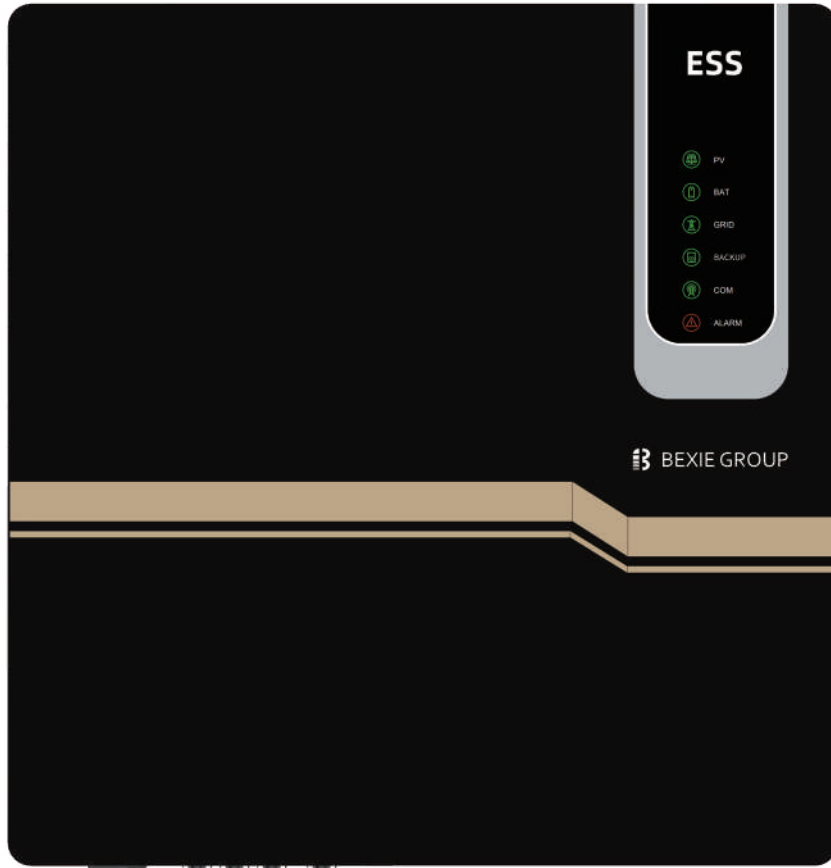


ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM

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



3PH-Hybrid Inverter

5.0kW/6.0kW/8.0kW/10.0kW



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

5.0kW/6.0kW/8.0kW/10.0kW

Model	BE5KW-3PH	BE6KW-3PH	BE8KW-3PH	BE10KW-3PH
Efficiency				
Max. Efficiency (PV to AC)	98.2%		98.4%	
Max. Efficiency (BAT to AC)			97.9%	
Euro. Efficiency (PV to AC)	97.2%		97.9%	
Input (PV)				
Max. PV Input Power	9,000W		15,000W	
Max. PV Voltage			1,000V	
Start-up Voltage			150V	
MPPT Voltage Range			160V-950V	
Max. Input Current	15A/15A		20A/30A	
Max. Short Circuit Current	20A/20A		30A/40A	
Nos. Of MPPT			3	
String per MPPT	1/1		1/2	
Input/Output (BAT)				
Battery Type	Lithium-ion/Lead-acid			
Nominal Battery Voltage	250V-600V			
Battery Voltage Range	150V-600V			
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	15,000VA			
Max. Input Current	3*25A			
Rated Grid Voltage	380V/400V/415V, 3W+N+PE			
Grid Voltage Range	260V-520V (Adjustable)			
Rated Grid Frequency	50Hz/60Hz			
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz (Adjustable)			
Power Factor	>0.99 @rated power (Adjustable 0.8LD-0.8 LG)			
THDI	<5% (Rated 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/415V, 3W+N+PE			
Nominal Output Frequency	50Hz/60Hz			
Transfer Time	<10ms			
THDV	<3% (R Load)			
Protection				
Protection Category	Class I			
DC Switch	Yes			
Anti-islanding Protection	Yes			
AC Over Current Protection	Yes			
AC Over Voltage Protection	Yes			
AC Short Circuit Protection	Yes			
DC Reverse Protection	Yes			
SPD	DC Type II, AC Type II			
PV Insulation Detection	Yes			
AFCI	Optional			
Leakage Current Protection	Yes			
General				
Max.Operation Altitude	4000m (>2000m derating)			
Protection Degree	IP65			
Operating Temperature Range	-25~-60°C (>45°C derating)			
Relative Humidity	0~100%			
Cooling	Natural Cooling			
Mounting	Wall bracket			
Dimensions (W*H*D)	530mm*550mm*212mm			
Weight	30kg			32kg
PV Connection	MC4/H4			
HMI & COM				
Display	LED+APP, LCD (Optional)			
Communication Interface	RS485/CAN (BMS), RS485, RS485 (for meter), DRM, 2*DI (1 RMO), 2*DO, optional: WiFi/GPRS/LAN			
Certification				
Grid	EN 50549-1, RFG, NC RFG, VDE 4105, VDE V0124-100			
Safety and EMC	IEC 62109-1/2, EN 62109-1/2, IEC 61000			
Warranty	10 Years			

Remarks: The range of output voltage and frequency may vary depending on different grid codes. Specifications are subject to change without advanced noticed.