

IP65 Hybrid Inverter

Model: ME-GLP02-S6K
ME-GLP02-S8K



6/8kW



Pure sine wave output



9 Units Parallel



Superior Performance

- UPS mode with 10ms switchover
- 180% surge capacity handles heavy loads instantly
- 110% continuous overload capacity



AI Powered

- Remote control, diagnosis and maintainance
- Firmware OTA updates without physical access
- 24/7 real-time monitoring gives complete visibility
- User-configurable logic prioritizes solar or grid



User-friendly

- Phone-to-inverter direct setup
- Compatible with lithium and lead-acid batteries
- Operates with or without batteries
- Supports generator



Reliable&Safe

- Both fan cooling and PCB heat dissipation
- Pure sine wave output delivers stable power
- Built-in SPD safeguard your system and home safety

Technical Parameter

Model	ME-GLP02-S6K	ME-GLP02-S8K
Battery		
Battery Type	Lithium/Lead-acid	
Rated Battery Voltage	51.2Vdc / 48Vdc	
Battery Voltage Range	40~60Vdc	
Max. Solar Charging Current	125A	190A
Max. Grid/Generator Charging Current	125A	190A
Max. Solar+AC Charging Current	125A	190A
PV Input		
Max. PV Access Power	12000W	16000W
Max. PV Input Voltage	500Vdc	
Start-up Voltage	120Vdc	
MPPT Voltage Range	90~450Vdc	
Max. Operating PV Input Current	18A + 18A	26A + 26A
Max. Input Short-Circuit Current	27A + 27A	40A + 40A
Num. of MPPT/PV Array	2/1+1	2/2+2
AC Output		
Rated Power	6000VA / 6000W	8000VA / 8000W
Peak Power	2 time of rated power , 10s	
Parallel Capacity	Max. 9 Units	
Output Type	Single-phase / Three-phase In Parallel	
Output Voltage Range(Battery Mode)	220/230/240 Vac, 50/60 Hz	
Rated Current	27.3A / 26.1A / 25A	36.4A / 34.8A / 33.3A
Max. Output Current	40A (bypass)	50A (bypass)
Waveform	Pure Since Wave	
Transfer time	< 10ms	
AC Input		
Rated Input Voltage	220/230/240Vac	
Input Voltage Range	90~280V ac	
Frequency Range	50/60Hz	
Input Frequency Range	45~65Hz	
Max. Grid Input Current	40A (bypass)	50A (bypass)
Max. Generator Input Current	40A (bypass)	50A (bypass)
Protections		
Integrated Protections	PV reverse polarity,Over current,Over voltage,Output short-circuit, Over temperature, Over/under voltage, over/under-frequency, over load, Insulation resistance, Surge protection	
Surge Protection Level	TYPE II(DC) , TYPE II(AC)	
General		
Dimensions (WxHxD)	249 x 473 x 340 mm (Excluding connectors and brackets)	249 x 562 x 340 mm (Excluding connectors and brackets)
Product Weight (N.W.)	18kg	24kg
Installation	Wall-Mounted	
Operating Temperature	-25℃~60℃	
Relative Humidity	5 ~ 95%, No Condensation	
Altitude	2000m	
Ingress Protection	IP65	
Cooling Mode	Smart Cooling	
Communication Interface	RS485	
Monitor Mode	WIFI / Bluetooth / LAN / 4G (optional)	