

# IP65 Hybrid Inverter

Model: ME-GLP-S6K  
ME-GLP-S8K  
ME-GLP-S10K



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-GLP-S6K	ME-GLP-S8K	ME-GLP-S10K
<b>Inverter Output</b>			
Rated Power	6000VA / 6000W	8000VA / 8000W	10000VA / 10000W
Peak Power	2 time of rated power, 10s		
Parallel Capacity	Max. 9 Units		
Output Type	Single-phase / Three-phase In Parallel		
AC Voltage Regulation (Battery Mode)	230Vac, 50/60Hz		
Efficiency(Peak)	> 97%		
Waveform	Pure Sine Wave		
Transfer time	< 10ms		
<b>Battery</b>			
Battery Type	Lithium/Lead-acid		
Rated Battery Voltage	51.2Vdc / 48Vdc		
Battery Voltage Range	40-60Vdc		
Max. Solar Charging Current	125A	167A	220A
Max. Grid/Generator Charging Current			
Max. Solar+AC Charging Current			
<b>PV Input</b>			
Max. PV Input Power	9000W	12000W	15000W
Max. Open-circuit Voltage	500Vdc		
Min. Startup Voltage	120Vdc		
MPPT Voltage Range	90-450Vdc	90-450Vdc	150-425Vdc
Max. PV Input Current	18A	26A + 26A	26A + 26A + 26A
Max. PV Input Isc	22A	34A + 34A	34A + 34A + 34A
Num. of MPPT/PV Array	2/2+2	2/2+2	3/2+2+2
<b>Grid/Generator AC Input</b>			
Rated Input Voltage	230Vac		
Input Voltage Range	90~280Vac		
Frequency Range	50/60Hz		
Max. Grid Input Current	40A (Bypass)	50A (Bypass)	63A (Bypass)
Max. Generator Input Current	40A (Bypass)	50A (Bypass)	63A (Bypass)
<b>Protections</b>			
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		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)		
<b>General</b>			
Dimensions (WxHxD)	249 x 473 x 340 mm	249 x 562 x 340 mm	249 x 572 x 340 mm
Weight	20kg	24kg	32kg
Installation	Wall-Mounted		
Operating Temperature	-25°C~60°C		
Relative Humidity	5 ~ 95%		
Altitude	4000m		
Ingress Protection	IP65		
Cooling Mode	Smart Cooling		
Communication Interface	WIFI / RS485 / Bluetooth / 4G(Optional) / LAN(Optional)		