

# IP51 Stackable Hybrid inverter

Model: ME-GLE-S5K II



Low Voltage



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 simplifies configuration
- Compatible with lithium and lead-acid batteries
- Stackable design adapts to your space



## Reliable & Safe

- Intelligent fan cooling prevents overheating and auto-shutdown
- Pure sine wave output delivers stable power
- Built-in SPD safeguard your system and home safety

# Technical Parameter

Model	ME-GLE-S5KII
<b>Inverter Output</b>	
Rated Power	5200VA / 5200W
Peak Power	9000VA for 3s
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 Since 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	100A
Max. Grid/Generator Charging Current	100A
Max. Solar+AC Charging Current	100A
<b>PV Input</b>	
Max. PV Input Power	9000W
Max. Open-circuit Voltage	500Vdc
Min. Startup Voltage	120Vdc
MPPT Voltage Range	90-450Vdc
Max. PV Input Current	22A
Max. PV Input Isc	25A
Num. of MPPT/PV Array	1/1
<b>Grid/Generator AC Input</b>	
Rated Input Voltage	230Vac
Input Voltage Range	90-280Vac
Frequency Range	50/60Hz
Max. Grid Input Current	40A
Max. Generator Input Current	40A
<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
<b>General</b>	
Dimensions (WxHxD)	571 x 150 x 391 mm
Weight	13 kg
Installation	Stackable
Operating Temperature	0-55°C
Storage Temperature	-15 - 60°C
Relative Humidity	5 ~ 95%
Altitude	2000m
Ingress Protection	IP51
Cooling Mode	Intelligent Fan
Communication Interface	USB / WIFI / Ethernet / RS485 / Dry contact