

Single Phase Off Grid Inverter

Model: ME-GLE-S3.6K



IP51



3.6kW/48V



230V, 3.6kVA



Pure sine wave output



Work with or without battery



Enhanced cooling for durably full-load runtime



Up to 99.9% MPPT tracking efficiency



Direct device-to-Phone configuration & control without internet



Remote configuration, Remote control, Remote maintenance

Technical Data

Model	ME-GLE-S3.6K
Inverter Output	
Rated Power	3600VA / 3600W
Peak Power	7000VA for 2s
Output Type	Single-phase
AC Voltage Regulation (Battery Mode)	220/230/240Vac, 50/60Hz
Efficiency	> 94%
Waveform	Pure Sine Wave
Transfer time	< 10ms
Battery	
Battery Type	Lithium/Lead-acid
Rated Battery Voltage	48Vdc
Battery Voltage Range	40-60Vdc
Max. Solar Charging Current	70A
Max. Grid/Generator Charging Current	70A
Max. Solar+AC Charging Current	70A
PV Input	
Max. PV Input Power	4200W
Max. Open-circuit Voltage	450Vdc
Min. Startup Voltage	120Vdc
MPPT Voltage Range	90-430Vdc
Max. PV Input Current	13A
Max. PV Input Isc	18A
Num. of MPPT/PV Array	1/1
Grid/Generator AC Input	
Rated Input Voltage	220/230/240Vac
Input Voltage Range	90-280Vac
Frequency Range	50/60Hz
Max. Grid Input Current	20A
Max. Generator Input Current	20A
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
General	
Dimensions (WxHxD)	380*113*311 mm
Weight	7 kg
Installation	Wall-Mounted
Operating Temperature	0-55°C
Storage Temperature	-15 - 60°C
Relative Humidity	5 ~ 95%, No Condensation
Altitude	2000m
Ingress Protection	IP51
Cooling Mode	Intelligent Fan
Warranty	3 years
Communication Interface	USB / WIFI / Ethernet / RS485