

MODEL	ISolar SMG II 6.2KP 48V WiFi
Capacity	6.2KVA/6.2KW
Parallel Capability	YES,12 Units
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);:90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC+5%
Surge Power	12400VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Crest Factor	3:1
BATTERY	
Battery Voltage	48VDC
Floatig Charge Volage	54VDC
OverCharge Protectin	63VDC
Charging Method	CC/ CV
Solar Charger & AC Charger	
Max.PV Array Power	6500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~450VDC
Max.Solar Input Current	27A
Max.Solar Charge Current	120A
Max.AC Charge Current	80A
Max.Charge Current	120A
PHYSICAL	
Dimensions,D x W x H(mm)	450*300*130
Package Dimensions,D x W x H(mm)	540x390x210
Net Weight(Kg)	12
Communication Interface	RS232 / RS485 / Dry-contact
ENVIRONMENT	
Operating Temperature Range	(-10°C to 50°C)
Storage Temperature	(-15°C ~ 50°C)
Humidity	5% to 95% Relative Humidity (Non-condensing)