

MODEL	G-M3500-24	G-M5500-48	G-M5500-48PL
CAPACITY	3.5KVA/3.5KW	5.5KVA/5.5KW	5.5KVA/5.5KW
Parallel Capability	NO	NO	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	7000VA	11000VA	11000VA
Frequency	50/60Hz		
Waveform	Pure Sine wave		
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)		
Peak Efficiency(PV to INV)	96%		
Peak Efficiency(Battery to INV)	93%		
Overload Protection	5s@>=150% load; 10s@110%~150% load		
Crest Factor	2:1		
Admissible Power FACTOR	0.6~1 (inductive or capacitive)		
BATTERY			
Battery Voltage	24VDC	48VDC	48VDC
Floating Charge Voltage	27VDC	54VDC	54VDC
OverCharge Protection	33VDC	63VDC	63VDC
Charging Method	CC / CV		
Solar Charger & AC Charger			
Solar Charger TYPE	MPPT		
Max.PV Array Power	4000W	5500W	5500W
Max.PV Array Open Circuit Voltage	500VDC		
PV Array MPPT Voltage Range	60VDC~450VDC		
Max.Solar Input Current	15A	18A	18A

Max.Solar Charge Current	100A	100A	100A
Max.AC Charge Current	60A	60A	60A
Max.Charge Current	100A	100A	100A
PHYSICAL			
Dimensions,D x W x H(mm)	448x295x120		
Package Dimensions,D x W x H(mm)	560x375x190		
Net Weight(Kg)	9	10	10
Communication Interface	USB / Rs232 / 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)		