

MPI6.2KW#48VPVM

Features:

- >> Pure sine wave output
- >> Smart LCD setting (Working modes, Charge Current, Charge Voltage, etc).
- >> Built-in MPPT solar charge controller
- >> Wide PV input voltage range
- >> Can provide the power to the load without battery
- >> Combining solar system, AC utility, and battery power source to supply continuous power
- >> Overload, short circuit and Deep discharge protection
- >> Cold start function
- >> Support RS485,CAN monitoring function (for 1.6~6.2kw)
- >> Dual outputs for smart load management (for 1.6~6.2kw)
- >> Can communicate with lithium batteries (CAN port) (for 1.6~6.2kw)



LEAVE POWER FOR MEDAL POWER

Technical Specifications

MODEL	MPI6.2KW#48VPVM
Default Battery System Voltage	48VDC
INVERTER OUTPUT	
Rated Power	6200VA/6200W
Output Channel	Dual
Surge Power	12400W
Waveform	Pure sine wave
AC Voltage Regulation (Batt.Mode)	230VAC±5%(Setting)
Inverter Efficiency(Peak)	>90%
Transfer Time	Typical < 10ms , 20ms max
AC INPUT	
Voltage	230VAC
Selectable Voltage Range	170~280VAC(UPS) / 90~280VAC(APL) / 184~253VAC(VDE)
Frequency Range	50Hz / 60Hz (Auto sensing)
BATTERY	
Normal voltage	48VDC
Floating Charge Voltage	54.8VDC
Overcharge Protection	60VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Input Voltage	500VDC
Charging Algorithm	3-Step (Flooded Battery, AGM / GEL / LEAD Battery), 4-Step (Li)
Maximum PV Array Power	6200W
PV Array MPPT Voltage Range(Typ.)	120~450VDC
PV maximum input current	28A
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
MECHANICAL SPECIFICATIONS	
Machine Dimension (W*H*D)	428*318*140 mm
Package Dimension (W*H*D)	550*400*220 mm
N.W	10.0kg
G.W	11.6kg
OTHER	
Humidity	5% to 95% Relativ Humidity (Non-condensing)
Operating Temperature	0°C~50°C
Storage Temperature	-15°C -60°C

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