

Jaguar M Solar Inverter



- Simulated sine wave inverter
- Built-in 50A MPPT solar charger
- Selectable output source priority via LCD setting
- Wide input voltage range: 90-280 VAC
- Overload and short circuit protection
- Combines LCD display and LED indicator for comprehensive information

Jaguar M 1.2K, 2.4K Solar Inverter Selection Guide

MODEL	Juguar-M 1.2K	Juguar-M 2.4K
CAPACITY	1200VA / 900W	2400VA / 1600W
INPUT		
Voltage	220-240 VAC	
Selectable Voltage Range	90-280 VAC	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	220-240 VAC ±10%	
Overload Capability	Load >110%±15%, alarm 5 minutes and then inverter fault If decreasing the load until lower than 100%, the overload alarm can release. Load >130% ±15%, inverter fault immediately.	
Efficiency (Peak)	82%	85%
Transfer Time	20 ms	
Waveform	Simulated Sine Wave	
BATTERY		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.7 VDC ± 0.5 VDC	27.4 VDC ± 1 VDC
Overcharge Protection	15.0VDC ± 0.5 VDC	30.0VDC ± 0.5 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Open Circuit Voltage	100 VDC	100 VDC
Maximum PV Array Power	600 W	1200 W
MPP Range @ Operating Voltage	15 ~ 80 VDC	30 ~ 80 VDC
Maximum Solar Charge Current	50A	50A
Maximum AC Charge Current	10A /20A	10A/20A
Maximum Charge Current	50A	50A
PHYSICAL		
Dimension, D X W X H (mm)	272 x 212 x 127	
Net Weight (kgs)	4.5	4.8
OPERATING ENVIRONMENT		
Humidity	0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 55°C	

Product specifications are subject to change without further notice