



INVERTER

1200MPPT / 2400MPPT



IVR-1200MPPT/ IVR-2400MPPT

Features

- Simulated sinewave inverter
- Wide input voltage range
- 12VDC or 24VDC available
- Overload and short circuit protection
- LCD display for comprehensive information
- MPPT

Specifications

MODEL	IVR-1200MPPT		IVR-2400MPPT	
CAPACITY	1200VA/1000W		2400VA/1800W	
POWER FACTOR	0.83		0.75	
INPUT				
Voltage	220-240 VAC			
Voltage Range	90-280 VAC			
Nominal Operating Frequency	50/60Hz			
Maximum Input Current	10A		13A	
OUTPUT				
Nominal Output Voltage	220-240 VAC			
Voltage Regulation (Batt. Mode)	+/-10%			
Output Frequency Range	50/60Hz			
Nominal Output Current	5.2A		10.4A	
Inrush Current	10A		13A	
Maximum Output Fault Current	6.9A		13.6A	
Transfer Time	20 ms typical			
Waveform	Simulated Sine Wave			
BATTERY				
Battery Voltage	12 VDC		24 VDC	
Maximum Battery Discharging Current	100A		90A	
Floating Charge Voltage	13.7 VDC ±0.5 VDC		27.4 VDC ±1 VDC	
CV Charging Voltage	Lead Acid Battery	14.3 VDC ±0.5 VDC	28.6 VDC ±1 VDC	
	Lithium Battery	14.6 VDC ±0.5 VDC	29.2 VDC ±1 VDC	
Cut Off Voltage	10.5 VDC ±0.5 VDC		21.0 VDC ±1 VDC	
Maximum AC Charging Current	10 A or 25 A		10 A or 25 A	
SOLAR CHARGER				
Solar Charger Type	MPPT			
Maximum PV Array Open Circuit Voltage	100 VDC			
MPP Range @ Operating Voltage	15 ~ 80 VDC		30 ~ 80 VDC	
Max. PV array Input Power	825W		1650W	
Max. PV array Power to support	660W		1320W	
Maximum Solar Charging Current	55 A		55 A	
Maximum Charging Current (Utility +SCC)	55 A		55 A	
PHYSICAL				
Dimension (DxWxH) mm	272 x 212 x 127			
Net Weight (kgs)	4.5		4.8	
Protective Class	I			
Ingress Protection Rating	IP20			
ENVIRONMENT				
Humidity	0 ~ 90% RH (No condensing)			
Operating Temperature	0 ~ 55°C			
Altitude	0 ~ 1000 m			

* Product specifications are subject to change without further notice

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