

MECER[®]

INVERTER

LOBO 1200 / LOBO 2400



IVR-1200LBKS / IVR-2400LBKS

Features

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

MODEL	IVR-1200LBKS	IVR-2400LBKS
CAPACITY	1200VA/ 720W	2400VA/ 1440W
INPUT		
Voltage	230 VAC	
Acceptable Voltage Range	90-280 VAC	
Frequency	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	± 10%	
Efficiency (Peak)	82%	85%
Transfer Time	20 ms typical	
Waveform (Batt. Mode)	Simulated sine wave	
BATTERY & AC CHARGER		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.7 VDC ±2%	27.4 VDC ±2%
Low Battery Alarm Voltage	10.2Vdc ±2%	20.4Vdc ±2%
Shutdown Voltage	9.9Vdc ±2%	19.8Vdc ±2%
Overcharge Protection	15.0Vdc ±2%	30.0Vdc ±2%
Maximum Charge Current	10 A or 20 A (Selectable)	
SOLAR CHARGER (Optional) Solar Charge controller not included,will request to purchase separately		
Maximum PV Array Open Circuit Voltage	40 VDC	60 VDC
Operating Voltage Range	15~18 VDC	30~32 VDC
Maxmum Solar Charge Current	50 A	
PROTECTION		
Full Protection	Overload, short circuit and polarity reserve protection	
PHYSICAL		
Dimension, D X W X H (mm)	300 x 360 x 88	
Net Weight (kgs)	4.6	4.8
OPERATING ENVIRONMENT		
Humidity	0 to 90% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 40°C	
Storage Temperature	-15°C to 50°C	

* Product specifications are subject to change without further notice

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