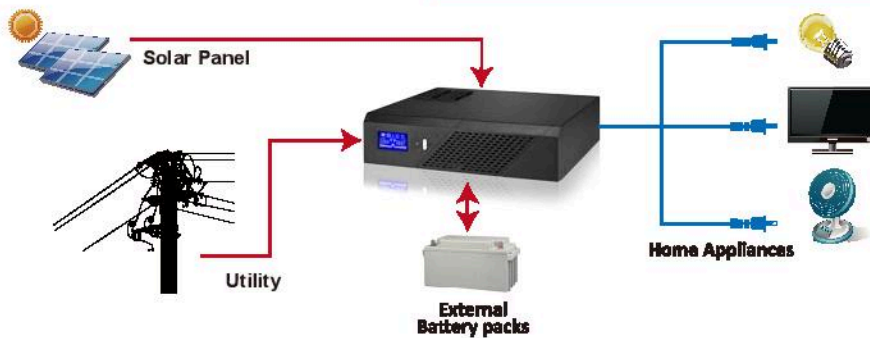




Lobo Solar



- Simulated sine wave inverter
- Built-in 50A PWM solar charger
- Wide input voltage range
- 10 A or 20 A standard AC charging current
- LCD display for comprehensive information
- Overload, short circuit and reverse polarity protection



Lobo Solar Inverter Selection Guide

MODEL	Lobo Solar 1.2K	Lobo Solar 2.4K
CAPACITY	1200 VA / 720 W	2400 VA / 1440 W
INPUT		
Voltage	230 VAC	
Input Voltage Range	90-280VAC	
Frequency Range	60Hz or 50 Hz (Auto sensing)	
OUTPUT		
Output voltage Regulation (Batt. Mode)	230 VAC ±10%	
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz	
Transfer Time	20ms typical	
Waveform (Batt. Mode)	Simulated Sine Wave	
BATTERY		
Battery Voltage	12VDC	24VDC
Acceptable Battery Type	Rechargeable lead-acid and deep discharge battery	
Acceptable Input Range for Charger	90-280 VAC	
DC Start Voltage	>11VDC	>22VDC
AC CHARGER		
Constant Current Charge Voltage	14.3VDC ± 2%	28.6VDC ± 2%
Floating Charge Voltage	13.7VDC ± 2%	27.4VDC ± 2%
Maximum Charge Current	10A or 20A	
SOLAR CHARGER		
Maximum PV Array Open Circuit Voltage	40 VDC	60 VDC
Operating Voltage Range	15-18 VDC	30-32 VDC
Maximum Solar Charge Current	50A	
PROTECTION		
Full Protection	Overload, short circuit and reverse polarity protection	
PHYSICAL		
Dimension, D X W X H (mm)	300 x 360 x 88	
Net Weight (kgs)	6.3	7.6
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.

OFF-GRID INVERTER