

# MECER<sup>®</sup>

# 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
<b>CAPACITY</b>	1200VA/ 720W	2400VA/ 1440W
<b>INPUT</b>		
Voltage	230 VAC	
Acceptable Voltage Range	90-280 VAC	
Frequency	50 Hz/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	± 10%	
Efficiency (Peak)	82%	85%
Transfer Time	20 ms typical	
Waveform (Batt. Mode)	Simulated sine wave	
<b>BATTERY &amp; AC CHARGER</b>		
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)	
<b>SOLAR CHARGER (Optional) Solar Charge controller not included,will request to purchase separately</b>		
Maximum PV Array Open Circuit Voltage	40 VDC	60 VDC
Operating Voltage Range	15~18 VDC	30~32 VDC
Maximum Solar Charge Current	50 A	
<b>PROTECTION</b>		
Full Protection	Overload, short circuit and polarity reserve protection	
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)	300 x 360 x 88	
Net Weight (kgs)	4.6	4.8
<b>OPERATING ENVIRONMENT</b>		
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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**Johannesburg**  
Tel: 011 237 1000

**Cape Town**  
Tel: 021 413 3000

**Durban**  
Tel: 031 534 7000

**Bloemfontein**  
Tel: 051 405 0400

**Port Elizabeth**  
Tel: 041 397 8700

**Kimberley**  
Tel: 053 831 1571

**Gauteng**  
Tel: 011 237 1000

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Tel: 041 534 7000

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Tel: 041 397 8700

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Tel: 051 405 0400

**N Cape**  
Tel: 053 831 1571

**Mpumalanga**  
Tel: 013 752 6027

**Nelspruit**  
Tel: 013 752 6027

**Kenya**  
Mustek East Africa Ltd.  
Tel: +254 020 3752175-9

**Limpopo**  
Tel: 015 298 8571

**North West**  
Tel: 018 381 5938