

OM-BIBC SERIES

1000W – 5000W in 12V & 24V

The Omnipower OM-BIBC Series is a modified sine-wave inverter with built-in 3-way battery charger and fast automatic changeover switch. This system has been carefully engineered and manufactured to give you dependable power source as long as a charged battery is available.

- ▶ Reverse polarity protection - if polarity is reversed the "crowbar circuit" will activate to protect the inverter from further damage. Reverse polarity and overload is not covered under the warranty. *
- ▶ Low battery shutdown *
- ▶ DC input over voltage protection *
- ▶ Output overload protection *
- ▶ Over temperature protection *
- ▶ Short circuit shutdown *

WITH BUILT-IN BATTERY CHARGER & AUTOMATIC CHANGEOVER SWITCH



1000W / 12V / 20A charger



5000W / 12V / 50A charger



5000W / 12V / 50A charger



5000W / 12V / 50A charger

TECHNICAL SPECIFICATIONS

	MODEL NO.				
12V Version	OM1000-20-12	OM1500-20-12	OM2000-20-12	OM3000-20-12	OM5000-50-12
24V Version	OM1000-10-24	OM1500-10-24	OM2000-10-24	OM3000-10-24	-
Continuous Output Power	1000W	1500W	2000W	3000W	5000W
Max Surge Power	2000W	3000W	4000W	6000W	10000W
Battery DC Input : 12V DC system	13.7VDC nominal (11-15V) operative				
Battery DC Input : 24V DC system	27.4VDC nominal (22-30V) operative				
Inverter					
: Voltage 12V DC system	230VAC RMS ± 10%	230VAC RMS ± 10%	230VAC RMS ± 10%	230VAC RMS ± 10%	230VAC RMS ± 10%
: Voltage 24V DC system	230VAC RMS ± 10%	230VAC RMS ± 10%	230VAC RMS ± 10%	230VAC RMS ± 10%	-
: Frequency 12V/24 VDC system	50Hz ± 1%				
: Wave form	Pure regulated modified sine-wave				
: Efficiency 12V DC system	85%	85%	85%	90%	90%
: Efficiency 24V DC system	90%	90%	90%	90%	-
Charger					
3 Stage Automatic PWM Battery Charger					
: 12V DC system	13.8VDC / 20A				13.8VDC / 50A
: 24V DC system	27.6VDC / 10A				-
Protection					
: Soft-start system	Yes	Yes	Yes	Yes	Yes
: Low battery shutdown	Yes	Yes	Yes	Yes	Yes
: Reverse polarity protection	Yes	Yes	Yes	Yes	Yes
: Overload protection	Yes	Yes	Yes	Yes	Yes
: Over temperature protection	Yes	Yes	Yes	Yes	Yes
: Short circuit protection	Yes	Yes	Yes	Yes	Yes
: Audible Alarm	Yes	Yes	Yes	Yes	Yes
Physical					
: Remote control interface	-	-	Yes	Yes	Yes
: Ventilation	High speed cooling fan				
: Weight kgs 12V system	4.6 kg	4.7 kg	5.3 kg	7.2 kg	11.00 kg
: Weight kgs 24V system	4.6 kg	4.7 kg	5.3 kg	7.2 kg	-
: Dimensions (L x W x H) cm	395 x 230 x 80	410 x 200 x 90	410 x 200 x 90	385 x 185 x 175	573 x 185 x 175
Includes Filtering against TV Interference					

* WARNING !!!

The manufacturer of this unit has taken every care to protect this unit with a number of built-in protective circuits. If the specification says e.g. 'reverse polarity protection' or 'short circuit protection' etc. this does not mean that the unit cannot be damaged. Even though the protection circuits are activated, the unit can still be damaged under certain conditions, specifically but not only, if the user repeatedly applies a fault condition. The protection circuits are there to limit the potential damage caused by reversed polarity or overloads and to stop a potential fire. If a protective fuse blows, it is a strong indication that the unit is already damaged, do not attempt to replace the fuse. This type of damage is NOT covered by the Warranty. Please return the unit to your nearest service centre.

Specifications are subject to change without prior notice
E&OE Accepted