

BLUOASIS

LIFE'S ESSENTIALS WHEN AND
WHERE YOU NEED IT



BLUPOWER 1506 | 1512 Models

The **BLUPOWER** 1506 and 1512 are fully integrated solar power production units for a single-family home, school or clinic. Each unit has been optimized for easy set up and simple operation using an intuitive power interface and control panel. In addition, each unit is IoT enabled for remote monitoring and operation and provides user-controlled power switching.

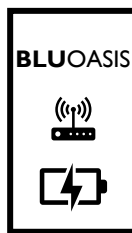
BLUPOWER's integrated power management system can receive DC power from up to 6kW of solar arrays or AC power from a generator. Its rechargeable 15kW-hr lithium-iron-phosphate (LiFePO4) battery provides energy storage for self-consumption as well as providing 6kW or 12kW of AC utility and accessory power. Its standard electrical interfaces make it simple to connect and power a remote job site, off-grid equipment or even a home.

INPUTS

Solar
4.5 kW / 6 kW



Generator
6 kW



15 kW-hr

OUTPUTS



Utility (Main Panel)
6 kW / 12 kW



Accessory
3 kW / 6 kW

BLUOASIS

CALL US
TEL: +1.971.238.2960

EMAIL US
info@bluoasis.com

SHOWROOM HOURS
Coming Soon

PERFORMANCE SPECIFICATIONS

Model Number	BluPower 1506	BluPower 1512
Total Battery Capacity	15 kW-hr	15 kW-hr
Number of Battery Modules	1	1
Battery Module Chemistry	LiFePO4	LiFePO4
Nominal Battery DC Voltage	52 V	52 V
Battery Warranty	10,000 Cycles	10,000 Cycles
Max Continuous Output Power	6 kW	12 kW
Surge Rating (<5 sec)	18 kW	36 kW
Output Waveform	Pure Sine	Pure Sine
Factory Programmable AC Output Voltages	110/220 V or 120/240 V	110/220 V or 120/240 V
Factory Programmable AC Output Frequency	50Hz or 60Hz	50Hz or 60Hz
Utility AC Output	220 V or 240 V @ 30 A	220 V or 240 V @ 50 A
Controllable Accessory AC Output	110 V or 120 V @ 30 A	220 V or 240 V @ 30 A
Generator AC Input	220 V or 240 V @ 30 A	220 V or 240 V @ 30 A
Maximum Solar Array Input	4.5 kW	6.0 kW
Number of Solar Array Input Strings	6 @ 10 A 90 VDC Max	8 @ 10 A 90 VDC Max
System Consumption	80 W	180 W
Unit Dimensions (HWL)	147 x 66 x 102 cm (58 x 26 x 40 in)	147 x 66 x 102 cm (58 x 26 x 40 in)
Unit Mass	293 kg (645 lb)	338 kg (745 lb)
Operating Environment	Indoor	Indoor
Power System Operating Temperature	0 to 45 °C (32 to 113 °F)	0 to 45 °C (32 to 113 °F)
Non-Operating Storage Temperature	-20 to 60 °C (-4 to 160 °F)	-20 to 60 °C (-4 to 160 °F)

POWER INTERFACE PANEL CONFIGURATIONS

