

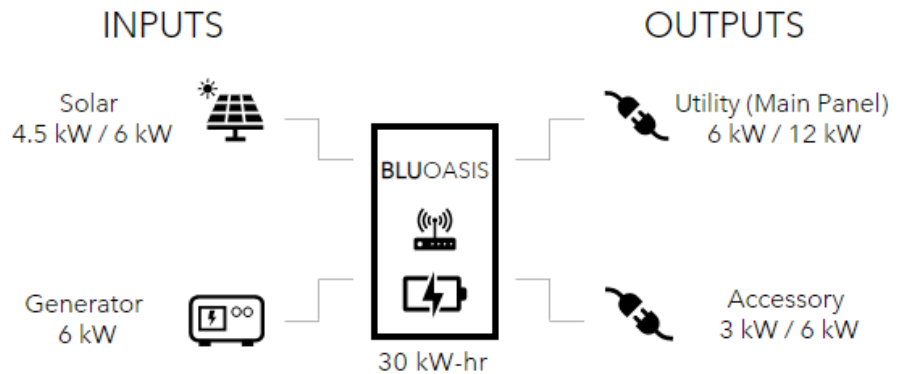
# BLUPOWER



## BLUPOWER 3006 | 3012 MODELS

The BluPower® 3006 and 3012 are fully integrated solar power production units for a single-family home, school, or clinic. Each unit has been optimized for easy setup 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® has an integrated power management system that can receive DC power from up to 6kW of solar arrays or AC power from a generator. Its rechargeable 30kW-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.

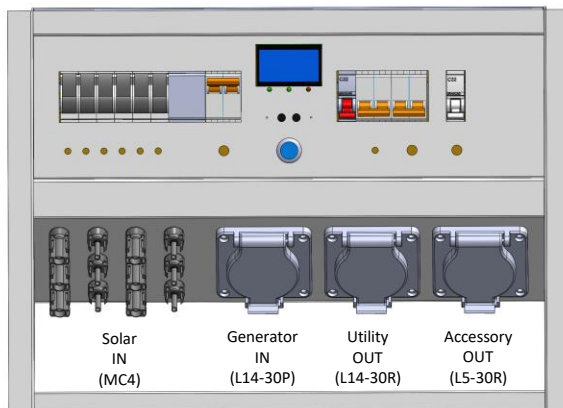


# PERFORMANCE SPECIFICATIONS

Model Number	BluPower 3006	BluPower 3012
<b>Total Battery Capacity</b>	30 kW-hr	30 kW-hr
<b>Number of Battery Modules</b>	2	2
<b>Battery Module Chemistry</b>	LiFePO4	LiFePO4
<b>Nominal Battery DC Voltage</b>	52 V	52 V
<b>Max Continuous Output Power</b>	6 kW	12 kW
<b>Surge Rating (&lt;5 sec)</b>	18 kW	36 kW
<b>Output Waveform</b>	Pure Sine	Pure Sine
<b>Factory Programmable AC Output Voltages</b>	110/220 V or 120/240 V	110/220 V or 120/240 V
<b>Factory Programmable AC Output Frequency</b>	50Hz or 60Hz	50Hz or 60Hz
<b>Utility AC Output</b>	220 V or 240 V @ 30 A	220 V or 240 V @ 50 A
<b>Controllable Accessory AC Output</b>	110 V or 120 V @ 30 A	220 V or 240 V @ 30 A
<b>Generator AC Input</b>	220 V or 240 V @ 30 A	220 V or 240 V @ 30 A
<b>Maximum Solar Array Input</b>	4.5 kW	6.0 kW
<b>Number of Solar Array Input Strings</b>	6 @ 10 A 90 VDC Max	8 @ 10 A 90 VDC Max
<b>System Consumption</b>	80 W	180 W
<b>Unit Dimensions</b>	147 x 66 x 102 cm (58 x 26 x 40 in)	147 x 66 x 102 cm (58 x 26 x 40 in)
<b>Unit Mass</b>	460 kg (1,015 lb)	500 kg (1,105 lb)
<b>Operating Environment</b>	Indoor	Indoor
<b>Power System Operating Temperature</b>	0 to 45 °C (32 to 113 °F)	0 to 45 °C (32 to 113 °F)
<b>Non-Operating Storage Temperature</b>	-20 to 60 °C (-4 to 160 °F)	-20 to 60 °C (-4 to 160 °F)

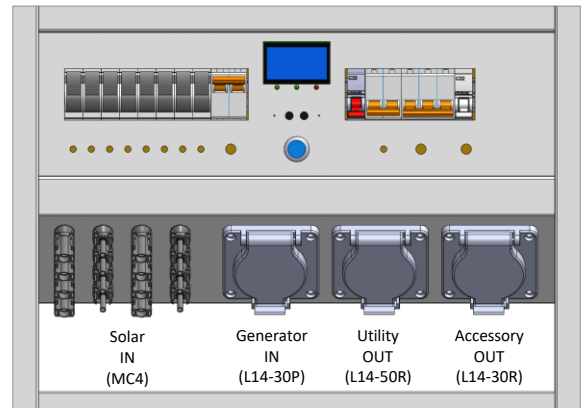
# POWER INTERFACE PANEL CONFIGURATIONS

BluPower 3006



Six (6) @ < 90VDC / 10 Amp      240VAC / 30 Amp      240VAC / 30 Amp      120VAC / 30 Amp

BluPower 3012



Eight (8) @ < 90VDC / 10 Amp      240VAC / 30 Amp      240VAC / 50 Amp      240VAC / 30 Amp