

Portable Solar Power Battery Pack with 4.0kWh Capacity - Photovoltaic (PV) Capable

Part #: BPLI-4K



The BPLI-4K from Larson Electronics is a Portable Solar Power Battery Pack with 4.0kWh capacity is a li-ion battery with a Samsung ICR18650-3.7V-2600mAh cell. This portable solar battery unit comes with 2000W rated output power and 60Hz output frequency, and is offered in three voltage configurations: 120V input/120V output, 240V input/240V output and 240V input/120V output. The product is designed for off-grid use in remote locations, such as campsites, temporary bases, emergency service centers and more.

Features: This portable battery pack supports a rechargeable li-ion battery with 4.0kWh capacity. The unit comes with versatile AC and PV charging options. For seamless handling, dual handle grips may be deployed, which are located at the top of the battery pack. There are also four rotating wheels located at each corner of the battery pack for transporting to the target location.

Standard output power for this unit is 2000W with peak output reaching 2250W. The battery pack supports three voltage configuration options: 120V input/120V output, 240V input/240V output and 240V input/120V output. This product can be charged using solar panels (PV) with a max input voltage of 150V DC and MPPT input voltage of 75-140V DC. AC charge options include 88-264V AC input voltage with 600W max charge power. The portable battery pack weighs approximately 130 lbs and measures 20"L x 10.6"W x 23.6"H.



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Applications: This portable solar power battery pack is a suitable power source in remote locations, such as camping sites, temporary bases, construction sites and areas without access to the grid. It can be used to power a wide range of heavy duty tools and equipment, including laptops, portable machines and mobile devices. The unit's robust recharging options offer flexibility in environments where access to reliable power sources are severely limited.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information

BPLI-4K Portable Solar Power Battery Pack

Battery Type: Li-ion Battery

Battery Capacity: 4.0kWh

Rated Output Power: 2000W

Peak Output: 2250W

Voltage: 120V/240V/240VAC Input to 120V/240V/120VAC Output

Output Frequency: 50Hz/60Hz

Relative humidity: 5% ~ 90%

AC Charge Input Voltage: 88-264VAC

Quick Summary

Compact Design

AC Charge Power Factor: =0.94(full load)

AC Charge Input Frequency: 50/60Hz±5 Hz

AC Charge Max Charge Power: 600W

AC Charge Max Charge Time: 7 hours

AC Max Efficiency: 90%(>70% Load)

PV Charge Max Input Power: 1500W

PV Charge Start-up Voltage: 75VDC

PV Charge MPPT Amount: 2

PV Charge MPPT Input Voltage: 75~140VDC

PV Charge Max Input Voltage: 150VDC

PV Charge MPPT Efficiency: 99.50%

Receptacles: (2) 5-15P [120V output] or (2) 6-15P [240V output], (2) cigarette plug sockets [12V], (2) PV connectors [+/-], and (2) RJ45 keystones

Solar Charging Model: MPPT

Charge Temperature: 0° ~ 45°C

Overload Ability: 120% < load < 130% @10min; 130% < load < 150% @10s

AC Output Socket/Charging Cable: Type G

Dimensions: 20"L x 10.6"W x 23.6"H

Weight: 130 lbs

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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[Part #: BPLI-4K \(146391\)](#)

Options:

BPLI-4K- VOLTAGE

Example: BPLI-4K-120V

| VOLTAGE | |
|--------------|------------|
| 120V | -120V |
| 240V | -240V |
| 240V to 120V | -240V.120V |









Links (Click on the below items to view):

- [SpecSheet Spanish](#)
- [Manual](#)
- [Hi Res Pic 1 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Main\)](#)
- [Hi Res Pic 2 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Front\)](#)
- [Hi Res Pic 3 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Front Angle 1\)](#)
- [Hi Res Pic 4 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Side 1\)](#)
- [Hi Res Pic 5 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Back\)](#)
- [Hi Res Pic 6 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Side 2\)](#)
- [Hi Res Pic 7 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Front Angle 2\)](#)
- [Hi Res Pic 8 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Caster\)](#)
- [Hi Res Pic 9 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Inline Harness\)](#)
- [Hi Res Pic 10 - Portable Solar Power Battery Pack with 4.0kWh Capacity \(Solar Connector\)](#)