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BPLI-2K-120

Portable Solar Power Battery Pack with 4.0kWh Capacity - 120V Output - Photovoltaic (PV) Capable

Product ID: 68686

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

BPLI-2K-120 Portable Solar Power Battery Pack

Battery Type: Li-ion Battery
Battery Capacity: 4.0kWh
Rated Output Power: 2000W
Peak Output: 2250W
Output Voltage: 120VAC
Output Frequency: 50Hz/60Hz
Relative humidity: 5% ~ 90%
AC Charge Input Voltage: 88~264VAC
AC Charge Power Factor: =0.94(full load)
AC Charge Input Frequency: 50/60Hz±5 Hz
AC Charge Max Charge Power: 600W
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%
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 32.6"H

Quick Summary

Compact Design

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Weight: 130 lbs

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The BPLI-2K-120 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, 120VAC output voltage and 60Hz output frequency. 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 a 120VAC 60Hz output voltage and frequency. 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.



Click Photo to Enlarge

Click Photo to Enlarge

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.

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Frequently Asked Questions (FAQ)









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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **SpecSheetSpanish**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**