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BPLI-1.5K

Portable Solar Power Battery Pack with 1500Wh Capacity - Photovoltaic (PV) Capable

Product ID: 146393

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-1.5K Solar Power Battery Pack with 1500Wh Capacity

Battery Type: Li-ion Battery
Battery Capacity: 1500Wh
Rated Output Power: 500W
Peak Output: 700W
Voltage: 120V/240V/240VAC Input to 120V/240V/120VAC Output
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: 327W
AC Charge Max Charge Time: 5 hours
AC Max Efficiency: 92%
PV Charge Max Input Power: 210W
PV Charge Start-up Voltage: 18VDC
PV Charge MPPT Amount: 1
PV Charge MPPT Input Voltage: 18~50VDC
PV Charge Max Input Voltage: 150VDC
PV Charge MPPT Efficiency: 99.50%
Solar Charging Model: MPPT
Charge Temperature: 0 ~ 40°C
Overload Ability: 120% < load < 130% @10min; 130% < load < 150% @10s
AC Output Socket/Charging Cable: Type G
Dimensions: 15.9 × 8.4 × 10.2 inches

Quick Summary

Compact Design
Color: Black/Blue

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364

Weight: 26.4 Lbs

E-mail: sales@larsonelectronics.com

The Larson Electronics portable solar power battery pack with 1500Wh capacity is a li-ion battery with a Samsung ICR18650-3.7V-2600mAh cell. This portable solar battery unit comes with 500W 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 1500Wh capacity. The unit comes with versatile AC and PV charging options. For seamless transportation and handling, a pop-up handle may be deployed, which is located at the top of the battery pack. Illuminated green indicators display the charging status of the unit when it is in use. A button activation system allows operators to toggle the power of the battery pack on/off.

Standard output power for this unit is 500W with peak output reaching 700W. The battery pack supports three voltage configuration options: 120V input/120V output, 240V input/240V output and 240V input/120V output. A Type G AC output socket/charging cable is supported by this unit. This product can be charged using solar panels (PV) with a max input voltage of 150Vdc and MPPT input voltage of 18~50VDC. AC charging options include 88~264Vac input voltage with 327W max charge power. The portable battery pack weighs 26.4 lbs and measures 15.9 × 8.4 × 10.2 inches, making it easy to carry from one location to another.



Click Photo to Enlarge



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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BPLI-1.5K

Product ID: 146393

Export Control Classification Number (ECCN): EAR99

Options:

BPLI-1.5K-Voltage

Example: BPLI-1.5K-120V

Voltage	
120V	-120V
240V	-240V
240V TO 120V	-240V.120V

Links (Click on the below items to view):

- **Operations Manual**
- **SpecSheetRussian**
- **SpecSheetSpanish**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**