Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

BPLI-400W

Portable Solar Power Battery Pack with 400Wh Capacity - Photovoltaic (PV) Capable

Product ID: 146390



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-400W Solar Power Battery Pack with 400Wh Capacity
Battery Type: Lithium iron phosphate Battery (LiFePO4)
Battery Capacity: 400Wh
Vehicle Charger Input Voltage: 12V DC or 24V DC
Solar Input Voltage: 14V - 40V
Wall Voltage: 120V/240V/240VAC Input to 120V/240V/120VAC Output
Battery Voltage: 9~12.6V/9~12.3V
Rated Output Power: 300W
Peak Output: 600W
Output High Voltage: 120V AC or 240V AC
Output DC Voltage: 12V DC
Output USB Voltage: (4) 5V hubs
Output Frequency: 50Hz/60Hz
Relative humidity: 10% ~ 90%
Charge Temperature: 0 ~ 45°C
Discharge Temperature: -10 ~ 60°C
Overload Ability: 120% < load < 130% @10min; 130% < load < 150% @ 10s
AC Max Efficiency: 90%(>70% Load)
AC Output Socket/Charging Cable: Type G
DC Output: 4 USB Ports (2 X 5V 2.1A; 2 X 5V 1A), 1 12V Car Port (120W), 2 DC 6mm Port (2X 12V 3A)
Dimensions: 9 × 5.5 × 9.2 inches
Weight: 12.3 lbs

Quick Summary
Compact Design
Color: Light Black

Special Orders- Requirements
Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The Larson Electronics portable solar power battery pack with 400Wh capacity is a li-ion battery with a Samsung ICR18650-3.7V-2600mAh cell. This portable solar battery unit comes with 300W 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 with solar panel compatibility (Escape 30, Boulder 15, Nomad 27 and Nomad 13).

Features: The portable battery pack that supports a rechargeable li-ion battery with a 400Wh capacity. This unit can be charged using the following methods: wall charger (120V or 240V AC, 4-hour charge time), car charger (12/24V DC, 8.5-hour charge time) and solar charger (10A/14V~40V, 4-hour charge time). For seamless transportation and handling, a pop-up handle may be deployed, which is located at the top of the unit. There is also a digital panel that displays the status of the battery in real-time.

Standard output power for this unit is 300W with peak output reaching 600W. The battery pack supports three voltage configuration options: 120V input/120V output, 240V input/240V output and 240V input/120V output. This product can power devices via multiple DC output options: 4 USB ports (5V/3.5A max), a car port (12V/120W) and 2 DC 6mm ports (12V/3A). The portable battery pack weighs 12.3 lbs and measures 9 × 5.5 × 9.2 inches, making it easy to carry from one location to another.



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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.


OUTPUT
3A
2.1A
1.0A
3A
2.1A
1.5A
DC ON
AC ON
10A
DC 12V
DC 12V
DC 5V




DC 14V~40V 120W
PV
CAR ADAPTER
INPUT
+
-
CAR JUMP STARTER

SIDE A


AC Output 1
300W
AC Output 2

SIDE B



Frequently Asked Questions (FAQ)