

Lumopal Lum Power 300 Portable Power Station User Manual

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logo

Lumopal Lum Power 300 Portable Power Station

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Specifications

- Product Model: Lum Power 300
- Capacity: 298Wh
- Discharge Temperature: Not specified
- Recharging Temperature: Not specified
- IP Rating: IP63
- Weight: 3.66 kg (8.07 lbs)
- DC Input: 20V, 7A Max
 - Input: 140W
 - PV Input: 18~24V DC, Max 150W (MPPT)
 - Car Input: 12.6V, 8A Max, 100W
 - Type-C Input: 20V, 3A/5A Max, 100W
 - AC Output: 120V, 60Hz/50Hz (pure sine wave)
 - Output: 300W peak, 500W
 - USB Output: Each port 5V, 2.4A, Max 15W
 - Type-C Output: 5V, 2.4A; 9V/12V/15V/20V, 3A; 20V, 5A, Max 100W

- DC Output: Max 12.6V, 10A, Max 126W
- Car Charger Output: 12.6V, 6A; 12.6V, 10A, Max 126W

Product Usage Instructions

Using AC, DC, Car Charger, and USB Outputs:

Turn On: Press and hold the DC/USB/AC button for 1-2 seconds to activate the corresponding output function and the icon corresponding indicator will appear on the screen.

Turn Off: Press and hold again the DC/USB/AC button for 1-2 seconds to turn off the corresponding output.

Charging a Car Battery:

Double-tap the DC button when it is on. When the Car-Start indicator appears on the screen, you could charge the car battery.

Using the LED Flashlight:

Turn On: Press and hold the LED button for 1-2 seconds to turn on the LED Flashlight.

Change Mode: Press the button again to switch between soft light (Default), bright light, SOS light, and flashing light.

Turn Off: Press and hold the LED button for 1-2 seconds to turn off the LED Flashlight.

Quick shutdown:

Press and hold any button that is on for 3-5 seconds until all outputs are turned off.

Multi-Power Parallel (Only for Lum Power 1000):

You can use a 3-prong power cord cable to connect 2 Lum Power 1000 units in parallel, expanding the capacity to 2,000Wh.

The Optional to Recharging:

There are 3 options to recharge this product: DC/PV Input (not at the same time), Car Input, and Type-C Input. You can use the three individually or at the same time.

Wave Frequency Change:

Press the AC button 3 times when it is on to switch between 50Hz and 60Hz, the current status will show on the screen as F50 or F60.

FAQ

Q: What is the capacity of Lum Power 600?

A: The capacity of Lum Power 600 is 600Wh.

Q: How can I charge a car battery using Lum Power 300/600/1000?

A: To charge a car battery, double-tap the DC button when it is on. When the Car-Start indicator appears on the screen, you can charge the car battery.

Q: What are the options for recharging Lum Power 300/600/1000?

A: There are 3 options for recharging: DC/PV Input (not at the same time), Car Input, and Type-C Input. You can use these options individually or at the same time.

PORTABLE POWER STATION

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Structure Description

Lum Power 300/600/1000 Front View

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1. Function Button
2. LED Display
3. DC&PV Input
4. DC Output
5. Car Socket
6. USB-A Output
7. Type-C Input/Output
8. AC Output

Lum Power 300/600 Back View

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Lum Power 1000 Back View

fig

Display Description

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LED Indicator	Description
1	DC indicates the product is charging from an adapter or a solar panel. CAR indicates the product is charging from a car charging port. PD indicates the product is charging from a USB Type-C wall charger.
2	State of charge (SOC) Percentage.
3	Time To Full is the remaining time it takes to fully charge the battery. Time to Empty is the time to fully discharge.
4	Input Power indicates the current input power. Output Power indicates the current output power.
5	Car-Start indicates that the car battery is being charged. Car-Start Failed indicates that battery charging has failed. Car-Start Completed indicates that battery charging is completed.
6	DC indicates DC output, CIG indicates car charging output, USB-A indicates USB-A output, USB-C indicates Type-C output, and AC indicates 120V AC output.

Specifications

Product Model		Lum Power 300	Lum Power 600	Lum Power 1000
Capacity		298Wh	600Wh	1000Wh
Discharge Temperature		5°F~131°F -15°C~55°C)		
Recharging Temperature		32°F~113°F 0°C~45°C)		
IP Rating		IP63		IP53
Weight		3.66Kg(8.07lb)	6.45Kg(14.22lb)	8.71Kg(19.21lb)
Input	DC Input	20V 7A Max 140W		
	PV Input	18~24V DC Max 150W (MPPT)		
	Car Input	12.6V 8A Max 100W		
	Type-C Input	20V 3A/5A Max 100W		
Output	AC Output		120V 60Hz/50Hz (pure sine wave)	
			300W peak 500W	850W peak 1000W 1200W peak 1500W
	DC 241W Max	USB Output*3	Each port 5V 2.4A,Max 15W	
		Type-C Output	5V 2.4A,9V/12V/15V/20V 3A 20V 5A,100W Max	
		DC Output	12.6V 6A	
		Car Charger Output	Max 12.6V 10A Max 126W 12.6V 10A Max 126W	

How To Use

1. Using AC, DC, Car Charger, and USB Outputs:

Turn On: Press and hold the DC/USB/AC button for 1-2 seconds to activate the corresponding output function and the icon corresponding indicator will appear on the screen.

Turn Off: Press and hold again the DC/USB/AC button for 1-2 seconds to turn off the corresponding output.

2. **Charging a Car Battery:**

Double-tap the DC button when it is on. When the Car-Start indicator appears on the screen, you could charge the car battery.

3. **Using the LED Flashlight:**

Turn On: Press and hold the "LED" button for 1-2 seconds to turn on the LED Flashlight.

Change Mode: Press the button again to switch between soft light (Default), bright light, SOS light, and flashing light.

Turn Off: Press and hold the "LED" button for 1-2 seconds to turn off the LED Flashlight.

4. **Quick shutdown:**

Press and hold any button that is on for 3-5 seconds until all out-puts are turned off.

5. **Multi-Power Parallel (Only for Lum Power 1000)**

You can use a 3-prong power cord cable to connect 2 Lum Power 1000 units in parallel, expanding the capacity to 2,000Wh.

FIG

6. **The Optional to Recharging:**

There are 3 options to recharge this product: DC/PV Input (not at the same time), Car Input and Type-C Input. you can use the three individually or at the same time.

FIG

7. **Wave Frequency Change:**

Press the AC button 3 times when it is on to switch between 50Hz and 60Hz, the current status will show on the screen as F50 or F60.

FIG

In the Box

- 1 x Portable Power Station
- 1 x Power Cable
- 1 x Power Adapter
- 1 x User Guide

Reference for Recharge

Product Model		Lum Power 300	Lum Power 600	Lum Power 1000
0%→80% Time	Recharging by DC Input Only	Approx. 2.2 Hours	Approx. 4.4 Hours	Approx. 7.2 Hours
	Recharging by DC Input, Car Input and Type-C Input at same time with Max input power	Approx. 0.85 Hours	Approx. 1.7 Hours	Approx. 2.8 Hours

Warnings and Precautions

- Do not place your fingers or any metallic objects into the AC sockets.
- Do not disassemble or modify the product.
- Do not insert foreign objects or immerse the product in water or other liquids.
- Do not place the product close to or in a fire.
- Do not attempt to replace the internal battery of the product.
- Do not place this product near children, as this product contains small parts and may pose choking or other threats to children.
- Please select the solar panels according to the electrical parameters specified by the manufacturer. Voltage beyond the specified range may damage the product.
- Do not connect the input and output ports of the product.
- Avoid dropping, crushing, or puncturing the product.
- Do not use the product during thunderstorms.
- Please select the suitable model according to the devices you intended to power, and do not use overload the product.

Troubleshooting

1. The product fails to start. The DC, USB, and AC ports have no output.

1. Disconnect all the devices, charge the product for 5-10 minutes before restarting the product.
2. Ensure that the product is within operating temperature.

2. The product turns on but the corresponding output ports (DC, USB, and AC) have no output.

1. Please check whether the SOC is too low. If so, charge before use.
2. Please check whether the load has exceeded the capacity of the product. Disconnect your devices and restart the product.
3. Please check whether the output of the product meets the power requirements of your device.
4. Please check whether there is a short circuit between the output port and the device connected. Remove the device and restart the product.
5. Please connect your device to another power supply and check whether it works properly. The product may not be compatible with certain devices.

3. The product shut down during use.

The product may shut down due to its internal protection system, Which could be triggered by: overcharge, over-discharge, high temperature, low temperature, overcurrent, and short circuit.

1. To quickly resolve the problem, disconnect all the devices, keep the product in the normal temperature range, and charge it for 5-10 minutes.
2. Please also check whether the devices are faulty. Then start the product .

4. The product fails to charge.

1. Please check whether the input is within the specified charging range.
2. Please check whether temperature protection is triggered.
3. Please try using an alternative charging method to check if the current adapter is damaged or not.

Important Safety Instructions

WARNING: When using this product, basic safety rules should always be followed, including the following:

- Please read all safety warnings and this manual in its entirety before using the product.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Do not put fingers or hands in the product.
- Use of cables or other accessories not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury.
- To reduce components, pull the plug rather than the cord when disconnecting cables.
- Do not use the product with a battery pack or an appliance that is damaged or modified. Damaged or modified batteries are unpredictable and may cause fire, explosion, and injury.
- Do not operate the product with a damaged cord, plug, or cable.
- Do not disassemble the product. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electrical shock.
- Do not smoke, strike a match, or cause a spark in the vicinity of the product. Do not overcharge the internal battery. See the User Manual. Only charge the internal battery in a well-ventilated area.
- Improper conditions may cause fluid to leak from inside the units. Avoid contact. If it comes in contact with your skin or cloth-ing, wash with tap water; If it comes in contact with your eyes, seek medical help. Liquids from inside the units may cause irritation or burns.
- Do not expose the product to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause an explo-sion.
- In need of service, please contact authorized personnel. This will ensure the safe maintenance of the product.
- Never short-circuit the outputs.

CAUTION

- a) Do not overcharge the internal battery. Please read all safety warnings and this manual in its entirety before using the product.
- b) Do not smoke, strike a match, or cause a spark in the vicinity of the product.
- c) Only charge the internal battery in a well-ventilated area.
- d) Do not disassemble the product. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electrical shock.

- e) Do not use the product with a battery pack or an appliance that is damaged or modified. Damaged or modified batteries are unpredictable and may cause fire, explosion, and injury.

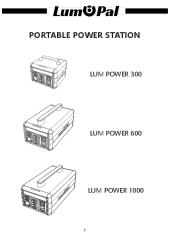
Contact us

If you need more information or help, please contact us. Email: Lum-palsupport@lum-pal.com

Website: WWW.Lum-Pal.com

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Documents / Resources

 <p>The image shows the LumPal logo at the top, followed by the text 'PORTABLE POWER STATION'. Below this, there are three small images of the LumPal power stations, each labeled with its capacity: 'LUM POWER 300', 'LUM POWER 600', and 'LUM POWER 1000'.</p>	<p>Lumopal Lum Power 300 Portable Power Station [pdf] User Manual</p> <p>Lum Power 300 Portable Power Station, Lum Power 300, Portable Power Station, Power Station</p>
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References

- [Leap of Faith Financial Services Inc.](#)
- [lumopal | Be your pal , power up your world – lumopal](#)
- [User Manual](#)