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> Litheli 288 Series Portable Power Station (Model U20EH15-0A000-US) Instruction Manual

LITHELi U20EH15-0A000-US

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1. OVERVIEW

The Litheli 288 Series Portable Power Station is a versatile and efficient power solution designed for various applications, from outdoor adventures to home emergency backup. It features a 139Wh capacity and delivers up to 300W of AC power. Equipped with BlitzFull fast charging technology, it can reach 95% charge in just 50 minutes. Its modular design allows for capacity expansion with additional Litheli U20SE batteries.



Figure 1: Litheli 288 Series Portable Power Station



Figure 2: Key features of the Litheli U20 B288 Battery Power Station, highlighting 139Wh capacity, 5 output modes, and 4 input modes.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the Litheli 288 Portable Power Station. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not expose the power station to rain or wet conditions.
- Do not disassemble or attempt to repair the unit. Contact qualified service personnel.
- Keep away from heat sources, direct sunlight, and flammable materials.
- Ensure proper ventilation during use to prevent overheating.
- Use only specified charging cables and accessories.

3. PRODUCT COMPONENTS

The Litheli 288 Series Portable Power Station kit includes the following items:

- 1 x Litheli 288 Portable Power Station (139Wh)
- 1 x AC Charging Cable
- 1 x Vehicle Charging Cable
- 1 x Product Instruction Manual

IPS MODULAR POWER STATION Flint 288 (139Wh)



Battery Bank Not Included

AC Charging Cable (x1)



Vehicle Charging Cable (x1)



Operating Manual(x1)



Figure 3: Included components: Litheli 288 Power Station, AC Charging Cable, Vehicle Charging Cable, and Operating Manual.

4. SETUP

4.1 Initial Charging

Before first use, fully charge your Litheli 288 Portable Power Station using one of the following methods:

- **AC Fast Charging:** Connect the AC charging cable to a standard 120V~ 50Hz/60Hz 2.5A wall outlet. The unit can be charged to 95% in approximately 50 minutes.
- **Solar Panel Input:** Connect a compatible solar panel (11.3-30V 8A, 150W max) to the solar input port. Full charge can be achieved in about 60 minutes under optimal sunlight.
- **Car Charger Input:** Use the provided vehicle charging cable to connect to a 12V 8A (100W max) car cigarette lighter socket.
- **Type-C Input:** Connect a Type-C cable to the 100W (max) Type-C input port. This method can charge the unit to 95% in approximately 90 minutes.

28 dB Whisper Quiet

Only 28 dB, Below the Industry Average



Figure 4: Various charging methods for the Litheli 288 Power Station, including AC, Type-C, Car, and Solar.

4.2 Powering On/Off

To power on the unit, press and hold the main power button located on the front panel. The display will illuminate, indicating the battery level and active ports. To power off, press and hold the main power button again.

5. OPERATING INSTRUCTIONS

5.1 Using Output Ports

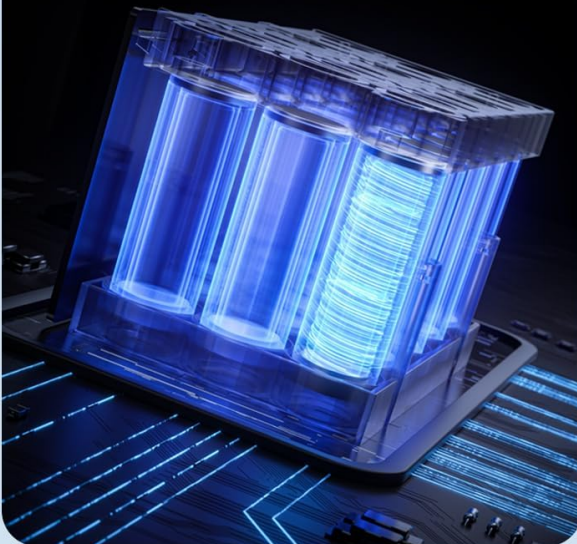
The Litheli 288 offers multiple output options to power your devices:

- **AC Output (300W):** Located on the rear panel. Press the 'AC' button next to the port to activate AC power. Ideal for laptops, small appliances, and other AC-powered devices.
- **USB-C Output (100W max & 20W max):** Two USB-C ports on the front panel for fast charging compatible devices like smartphones, tablets, and laptops.
- **USB-A Output (18W max):** One USB-A port on the front panel for charging various USB-powered devices.

- **Car Cigarette Lighter Output (126W max):** One 12V car cigarette lighter port on the front panel for car accessories.

Reliable And Long-Lasting

U20 IPS Super Battery

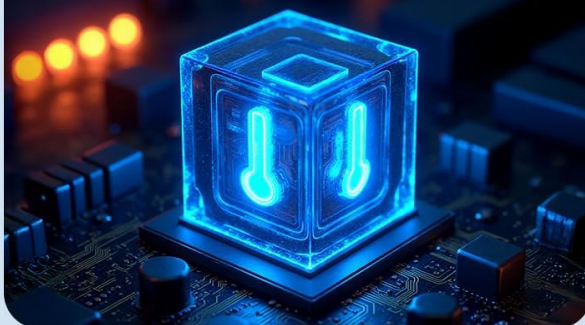


**Charged and Rescharged
3000 times**

3000 times



Temperature Control System



warranty

3
year

lifespan

15
year

Figure 5: The power station simultaneously charging multiple devices including a laptop, iPhone, and iPad.

Video 1: This video demonstrates the Litheli 288 power station's ability to charge multiple devices simultaneously, showcasing its various ports and quiet operation.

5.2 Expanding Capacity

The capacity of the Litheli 288 can be expanded by integrating up to two Litheli U20SE batteries (74Wh each). This allows the total energy storage to increase from 139Wh to 287Wh, providing extended power for your needs. Simply insert the U20SE batteries into the designated slots on the power station.

Capacity Can Be Expanded to 287Wh

Power station + Power Bank



Litheli U20 IPS Super Battery



Figure 6: Illustration of the Litheli 288 Power Station's expandable capacity using additional 74Wh U20SE batteries.

6. MAINTENANCE

6.1 Battery Care

The Litheli 288 utilizes U20 IPS Super Batteries, known for their durability and long lifespan. To ensure optimal performance and longevity:

- The battery is designed for 3000+ charge and recharge cycles before capacity drops to 78%.
- The power station features a temperature control system to maintain safe operating temperatures.
- Avoid fully discharging the battery frequently.
- Store the unit in a cool, dry place when not in use.

Potable Light And Sturdy



Figure 7: Details on the U20 IPS Super Battery, including 3000+ charge cycles, temperature control, and 15-year lifespan.

6.2 Cleaning and Storage

Wipe the exterior of the power station with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water. Store in a well-ventilated area, away from extreme temperatures.

7. TROUBLESHOOTING

7.1 Common Issues

- **Device not charging:** Ensure the power station is turned on and has sufficient battery. Verify that the correct output port is selected and activated (e.g., press the AC button for AC outlets). Check all cable connections.
- **Overheating:** If the unit feels excessively hot, disconnect all devices and allow it to cool down in a well-ventilated area. Ensure the fan vents are not obstructed. The unit operates with a low noise level of 28 dB.

Ultra Fast Recharging

Blizzfull ultra-fast charging technology



Figure 8: The Litheli 288 Power Station is designed for quiet operation, with noise levels as low as 28 dB.

8. SPECIFICATIONS

Feature	Value
Brand	LITHELI
Model Name	U20EH15-0A000-US
Wattage	300 watts
Fuel Type	Electric
Power Source	Battery Powered
Recommended Uses	Camping
Item Weight	6.5 Pounds
Voltage	20 Volts (DC)

Feature	Value
Output Wattage	300.0
Special Feature	Lightweight
Included Components	139-Wh PowerStation
Engine Type	Solar
Total Power Outlets	1 (AC) + Multiple USB/DC
Starting Wattage	300 Watts
Running Wattage	300 Watts
Frequency	50 Hz / 60 Hz
Item Dimensions L x W x H	11.2"L x 7.1"W x 6.9"H

9. WARRANTY AND SUPPORT

Litheli provides comprehensive support for its products:

- **Warranty:** The Litheli 288 Portable Power Station comes with a 3-year manufacturer's warranty for the entire machine. The included batteries have a 2-year warranty.
- **Customer Support:** If you encounter any problems with your product, please contact Litheli customer service. They aim to reply within 24 hours.

For more information, visit the [Litheli Store on Amazon](#).