

EBL MP330

EBL Portable Power Station MP330

User Instruction Manual

1. INTRODUCTION

The EBL Portable Power Station MP330 is a versatile and reliable power source designed for various applications, including outdoor activities, emergency backup, and mobile power needs. Equipped with a 300Wh lithium-ion battery pack and Pure Sine Wave technology, it provides stable and safe power for your devices. Its portable design and multiple output options make it an essential companion for any adventure or unexpected power requirement.

2. PACKAGE CONTENTS

Please ensure all items listed below are included in your package:

- 1 x EBL Voyager MP330 Portable Power Station
- 1 x 100-240V AC Wall Adapter
- 1 x 12V Car Charger Cable
- 1 x MC4 Connector Cable
- 1 x User Manual



Figure 2.1: EBL Portable Power Station MP330 and its accessories.

3. PRODUCT OVERVIEW

3.1 Physical Features

The MP330 features a robust design with a non-slip handle for easy portability. Its compact dimensions make it convenient to carry for various uses.



Figure 3.1: Dimensions of the EBL Portable Power Station MP330.

3.2 LCD Smart Display Screen

The unit is equipped with an LCD screen that displays essential information such as battery percentage, input wattage, and active output ports (DC, USB, AC).

LCD SMART DISPLAY SCREEN



Figure 3.2: Detailed view of the LCD Smart Display Screen.

3.3 Output Ports and Wireless Charging

The MP330 offers a variety of output options to power multiple devices simultaneously:

- **DC Output:** 3 x DC outlets (12V/5A and 12V/10A total) for compatible devices.
- **USB Output:** 3 x Fast Charge 3.0 USB-A ports and 1 x PD 60W USB-C port for rapid charging of smartphones, tablets, and laptops.
- **AC Output:** 1 x 110V AC outlet with Pure Sine Wave technology for sensitive electronics.
- **Wireless Charging:** A dedicated wireless charging pad on top for compatible smartphones.
- **SOS LED Light:** Built-in LED light with SOS mode for emergencies.

POWER UP TO 9 DEVICES



				
DC OUTPUT	AC OUTPUT	Wireless Charging	USB-A 3.0	USB-C PD 60W
x 3	x 1	x 1	x 3	x 1

Figure 3.3: Overview of all available output ports.

Video 3.1: A detailed demonstration of the EBL Portable Power Station MP330's features and functionality.

4. SETUP

4.1 Initial Charging

Before first use, fully charge your EBL Portable Power Station. It is recommended to fully charge the unit every 3 months to maintain battery health.

- **From Wall Charger (110V):** Connect the provided AC Wall Adapter to the unit's DC input port and plug it into a standard wall outlet. Full charge takes approximately 6-7 hours.
- **From Car Charger (12V):** Connect the provided 12V Car Charger Cable to the unit's DC input port and plug it into your vehicle's cigarette lighter socket. Full charge takes approximately 7-9 hours when the car is running.



Figure 4.1: Charging the power station via wall outlet and car charger.

4.2 Solar Panel Charging (Solar Panel Not Included)

The MP330 supports solar charging and is recommended for use with a 100W solar panel. Place solar panels in direct sunlight as much as possible. Connect the MC4 Connector Cable to the unit's DC input port and to your solar panel. Charging time is approximately 5-7 hours depending on solar conditions.

WARNING: Do not connect device via AC output port while charging the MP330. Recommend to disconnect the MP330 when fully charged.

5. OPERATING THE POWER STATION

5.1 Powering On/Off

To power on the unit, press and hold the red power button (labeled with a circle and vertical line) for a few seconds until the LCD screen illuminates. To power off, press and hold the same button until the screen turns off.

5.2 Activating Output Ports

Each output section (DC, USB, AC) has its own power button. Press the corresponding button to activate the desired output. A green indicator light will illuminate next to the button, and the LCD screen will display 'DC ON', 'USB ON', or 'AC ON' to confirm activation. To deactivate, simply press the button again.

5.3 Using the SOS LED Light

To turn on the LED light, press the light bulb icon button. Tap the button again to cycle through different modes (e.g., steady light, SOS flashing). Press and hold to turn off the light.

6. POWER CAPABILITIES

The EBL MP330 can power a wide range of devices, making it ideal for various situations. Here are some examples of its power capabilities based on a full charge:

- **Smartphones (10Wh):** Approximately 24 recharges
- **Laptops (41.4Wh):** Approximately 5.9 recharges
- **Mini Fridge (40W):** Around 6 hours of operation
- **32" TV (60W):** Around 4 hours of operation

- **Drones (39.2Wh):** Approximately 2.7 recharges
- **GoPro (3.9Wh):** Approximately 41 recharges
- **CPAP without Heated Humidifier (15W):** Around 18 hours of operation
- **Floodlight (4W):** Around 61 hours of operation

Figure 6.1: Charging capabilities for common electronic devices.



Figure 6.2: Powering essential items during emergencies or outdoor activities.

7. MAINTENANCE

- Never store the product in environments below -20°C or above 45°C.
- Battery life may be reduced if not used for a long time.
- Fully charge and discharge the battery at least every 3 months to maintain the health of the battery pack.
- Make sure that the device is disconnected from all input power and output devices.

- Wipe with a clean, dry, non-soft cotton cloth.
- Remove any foreign objects, dirt, or other obstructions on the vents on both sides. When cleaning foreign objects in the side vents, do not allow debris, dirt, or other blockages to enter the equipment.

8. TROUBLESHOOTING

If you encounter any issues with your EBL Portable Power Station, please refer to the following general troubleshooting tips:

- **Unit Not Turning On:** Ensure the battery is charged. If not, connect to a power source using one of the charging methods.
- **Outputs Not Working:** Verify that the specific output port (DC, USB, AC) is activated by pressing its corresponding button. Check the indicator light on the unit.
- **Device Not Charging:** Ensure your device is compatible with the output port you are using. Check the charging cable for damage.
- **Overload Protection:** If an overload condition occurs, the unit may automatically turn off the AC output. Reduce the load and restart the AC output.
- **Unusual Behavior:** If the unit exhibits unusual behavior, try powering it off and then on again. If the issue persists, contact customer support.

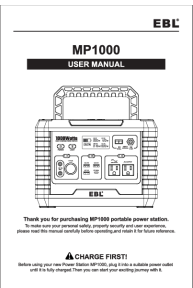

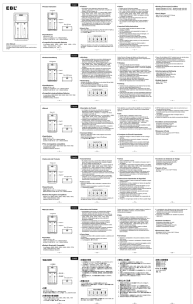

9. SPECIFICATIONS

Feature	Specification
Brand	EBL
Model Name	MP330
Rated Capacity	288.6Wh
Running Wattage	300 Watts
Starting Wattage	600 Watts
AC Output Voltage	110V/60Hz
Output Waveform	Pure Sine Wave
USB Output	QC3.0/18W (3 ports), PD 60W (1 port)
DC Output	12V/5A (2 ports), 12V/10A (1 port)
Wireless Charger	5W
Item Weight	3.3 Kilograms (7.26 pounds)
Product Dimensions	8.06"L x 6.09"W x 6.52"H

10. WARRANTY & SUPPORT

EBL Official offers a 12-month warranty for the EBL Portable Power Station MP330. For any product inquiries, technical support, or warranty claims, please contact EBL Customer Service directly through their official channels or the retailer where the product was purchased.

Related Documents

	<p>EBL MP1000 Portable Power Station User Manual 1000W 999Wh Solar Generator</p> <p>Detailed user manual for the EBL MP1000 portable power station. Learn about its features, specifications, how to charge, power devices, safety guidelines, troubleshooting, and warranty. Ideal for outdoor, home emergency, and backup power needs.</p>
	<p>EBL FY-809 Battery Charger User Guide</p> <p>User guide for the EBL FY-809 battery charger, detailing specifications, charging times, usage instructions, safety warnings, and warranty for AA and AAA rechargeable batteries.</p>
	<p>EBL TB-6030</p> <p>EBL TB-6030 Ni-MH Ni-CD</p>
	<p>EBL-C802 Smart Battery Charger User Manual for AA, AAA, and 9V Rechargeable Batteries</p> <p>Official user manual for the EBL-C802 smart battery charger. Provides detailed instructions on charging AA, AAA, and 9V Ni-MH/Ni-CD rechargeable batteries, including specifications, features, safety warnings, troubleshooting, and FAQs.</p>

Documents - EBL – MP330

no relevant documents