

Mregb YD-886

User Manual: Mregb 36800mAh Solar Power Bank

Brand: Mregb | Model: YD-886

INTRODUCTION

Thank you for choosing the Mregb 36800mAh Solar Power Bank. This robust and versatile portable charger is designed to keep your devices powered in various environments, from daily use to outdoor adventures. With its high capacity, multiple charging options, built-in flashlight, and durable construction, it's an essential companion for your electronic devices.

KEY FEATURES

- **High Capacity:** Built-in 36800mAh Lithium battery for extended power.
- **Versatile Charging:** Features 2 USB outputs (5V/3.1A, QC 3.0 compatible) and a USB-C port for both input and output, allowing simultaneous charging of up to 3 devices.
- **Solar Charging Capability:** Equipped with a solar panel for emergency recharging via sunlight.
- **Integrated Flashlight:** Powerful dual LED flashlight with long-lasting illumination.
- **Built-in Compass:** A high-precision compass for navigation during outdoor activities.
- **Durable Design:** IPX7 waterproof, dustproof, and shockproof construction made from durable ABS+PC material.
- **Safety Protections:** Includes over-current, temperature, overcharge, overvoltage, short circuit, recovery, electromagnetic field, and over-power protection.

SETUP

Initial Charging of the Power Bank

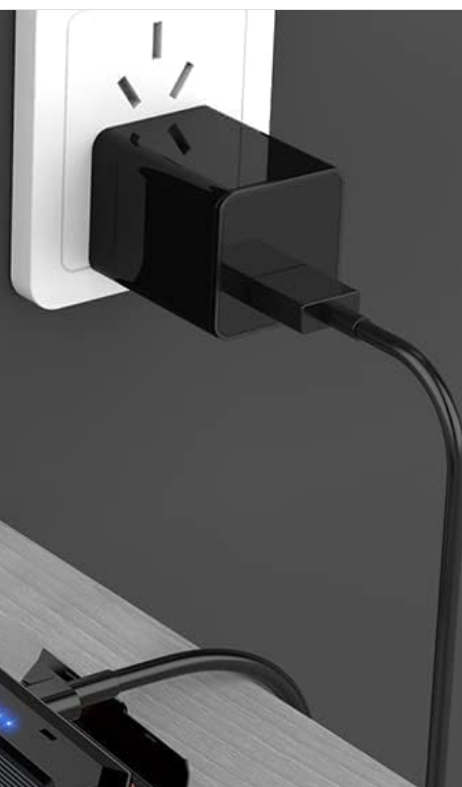
Before first use, it is recommended to fully charge your Mregb Solar Power Bank using a wall charger. This ensures the internal battery is conditioned for optimal performance.

1. Connect the power bank to a wall charger (recommended 5V/2A or above) using a compatible USB cable (USB-C port supports input).
2. The LED indicators on the power bank will illuminate to show charging progress. All four blue LEDs will be solid when fully charged.
3. While the power bank features a solar panel, it is primarily intended for emergency recharging and not as the main power source due to its small size and varying sunlight intensity. For daily charging, always use a wall outlet.



**USB
CHARGE**

10.5 HRS via wall charger



**SOLAR
CHARGE**

Serval days via solar panel



Figure 1: The power bank can be charged via a wall adapter for faster charging or via its solar panel for emergency power in outdoor environments.

OPERATING INSTRUCTIONS

Charging External Devices

1. Connect your device (smartphone, tablet, etc.) to one of the power bank's USB output ports (USB-A or USB-C) using a compatible charging cable.
2. The power bank will automatically begin charging your device. The LED indicators will show the remaining battery level of the power bank.
3. The power bank supports fast charging (QC 3.0) and can charge up to three devices simultaneously.

36800mAh CAPACITY

Charge Three devices at the same time



2 USB
Outputs



USB-C
input/output



Figure 2: The power bank is capable of charging multiple devices at once, including smartphones and tablets, via its USB output ports.

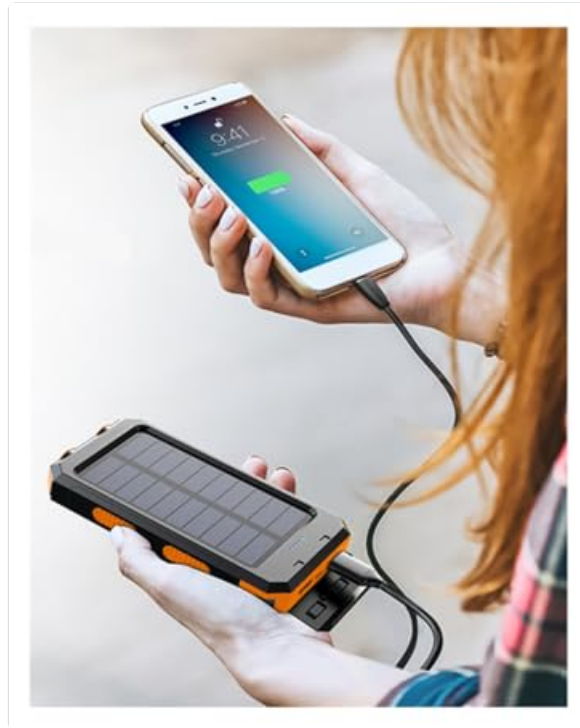


Figure 3: The power bank provides universal compatibility for charging various mobile devices.

Using the LED Flashlight

1. To turn on the dual LED flashlight, press and hold the power button for 3-4 seconds.
2. To turn off the flashlight, press and hold the power button again for 3-4 seconds.
3. The flashlight is a useful feature for camping, hiking, climbing, fishing, and other outdoor activities.

DUAL BRIGHT LED FLASHLIGHT

Lightning time up to 100 hours



Figure 4: The powerful dual LED flashlight provides ample illumination for nighttime activities.



Figure 5: The integrated LED lighting helps to alleviate anxiety in dark environments.

Using the Built-in Compass

The power bank includes a high-precision compass, which can be a handy tool for navigation during outdoor excursions. Ensure the power bank is held flat and away from strong magnetic fields for accurate readings.

HIGH PRECISION COMPASS

The product has a built-in professional calibrated compass which can help you no longer get lost

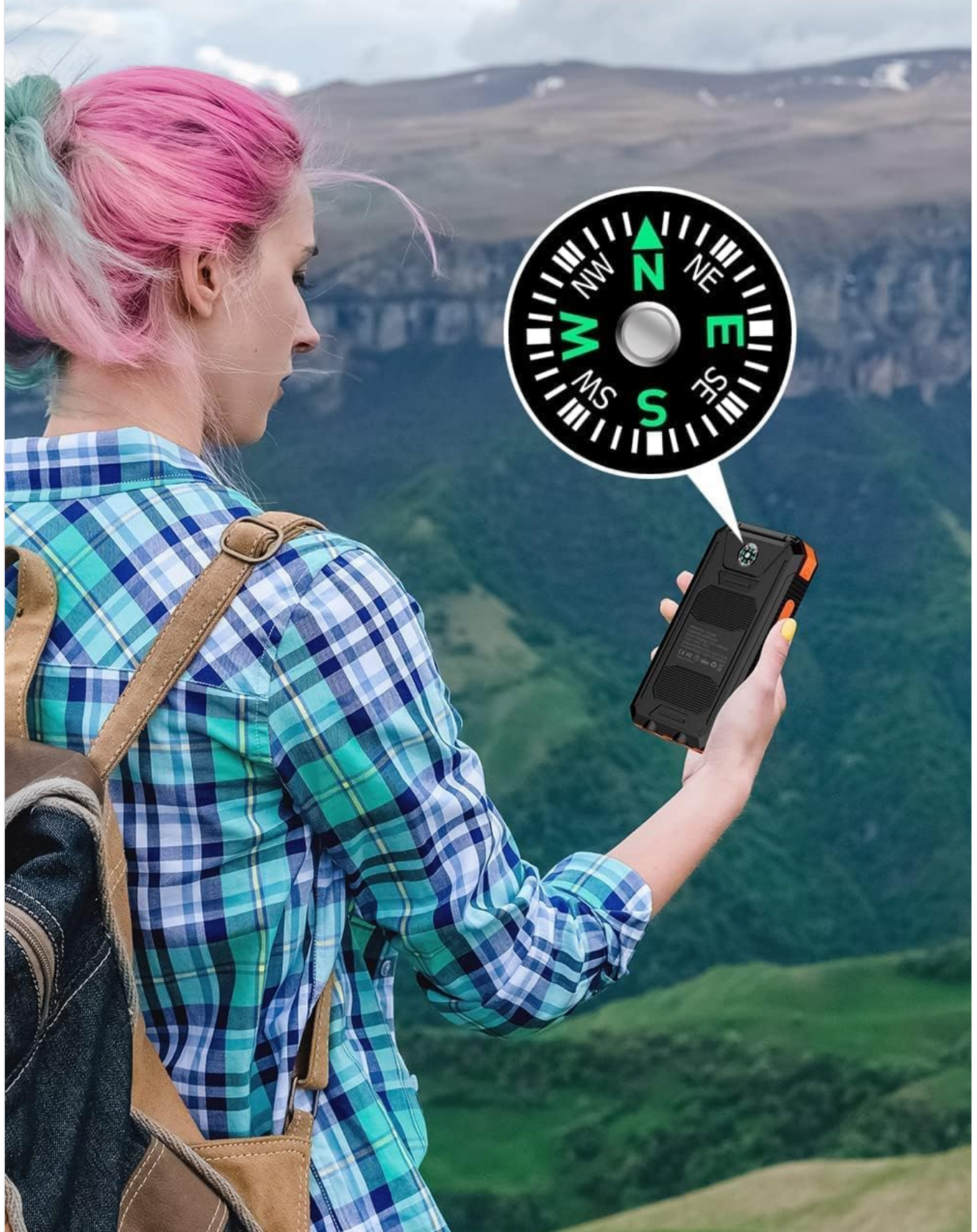


Figure 6: The built-in compass assists with navigation, making it ideal for hiking and other outdoor activities.

MAINTENANCE AND CARE

- **Durability:** The Mregb Solar Power Bank is constructed from durable and resistant ABS+PC material, providing IPX7 waterproof, dustproof, and shockproof protection.
- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Battery Life:** To prolong battery lifespan, avoid completely draining the battery frequently. Recharge it regularly.

A person with long brown hair, wearing a red and blue plaid shirt, is holding a gold-colored smartphone in their right hand. The phone's screen shows the time 9:41 and a green battery icon. A black cable connects the phone to a black and orange solar power bank held in their left hand. The power bank has a solar panel on its top surface.

UNIVERSAL COMPATIBILITY

Compatible with 99% mobile devices, including iOS and Android cell phones, watches, and cameras, etc.



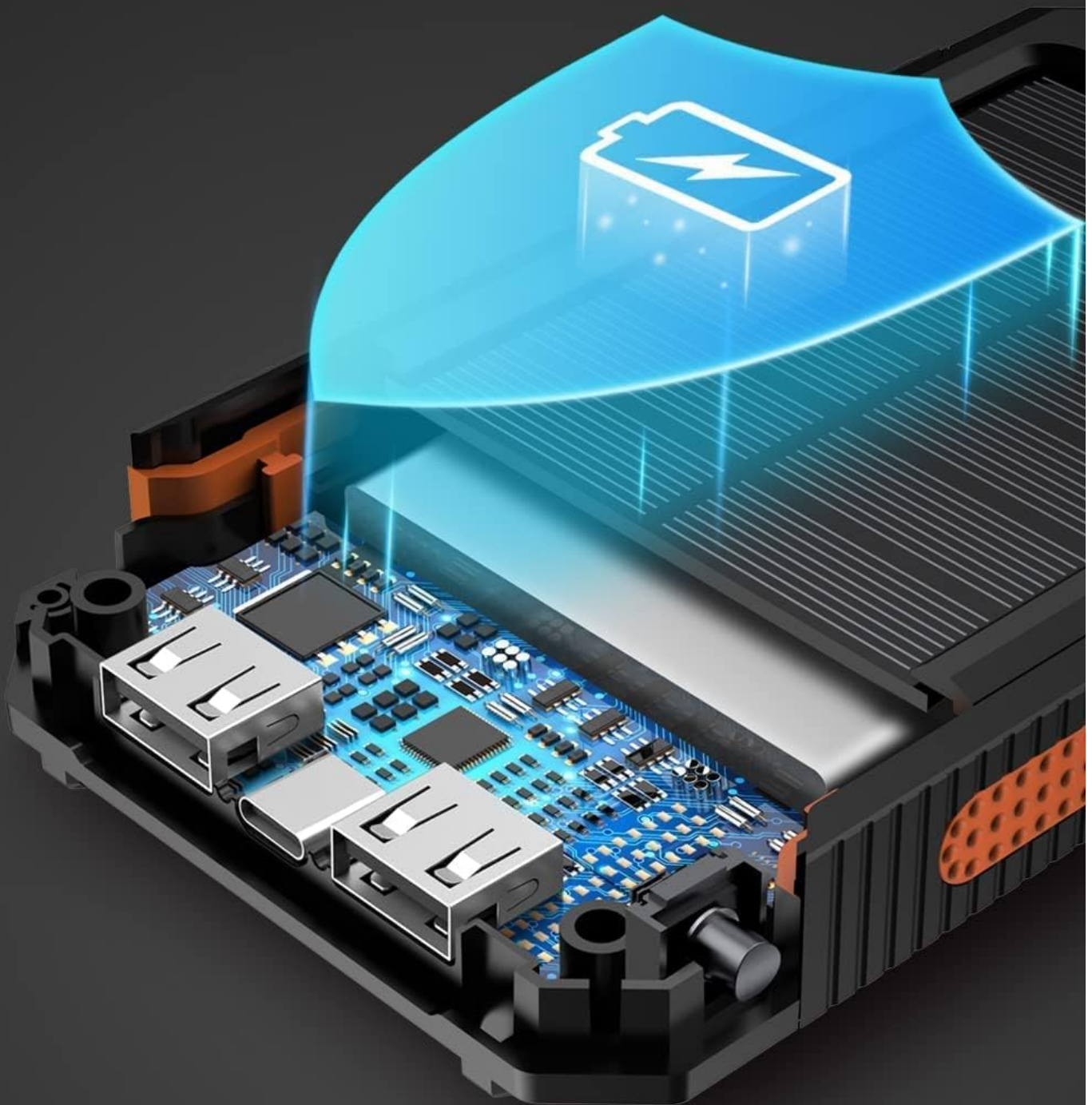
iPhone 11 Galaxy-s21 iPad Pro Interchangeable Camera

A close-up shot of a person's hand interacting with a tablet on a wooden table. Next to the tablet is a smartphone and a cup of coffee.

Figure 7: The power bank is designed to withstand various environmental conditions, offering protection against water, dust, and impacts.

MULTIPLE SECURITY PROTECTION

Protect your equipment at all times, and solve the problem of dead mobile phone



Over-current
Protection



Temperature
Protection



Overcharge
Protection



Overvoltage
Protection

Figure 8: Advanced internal circuitry provides multiple layers of protection to ensure safe and reliable operation.

TROUBLESHOOTING

Solar Charging Efficiency

If you find the solar charging to be slow or ineffective, please note the following:





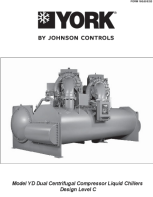

- The solar panel is designed for emergency use. Due to its compact size and the variable intensity of sunlight, it is not intended to be the primary method for fully charging the 36800mAh battery.
- For optimal and timely charging of the power bank itself, always use a wall charger with a minimum output of 5V/2A.
- Ensure the solar panel is exposed to direct sunlight for maximum efficiency when using solar charging.

SPECIFICATIONS

Feature	Detail
Product Dimensions	5.5 x 3 x 0.7 inches
Item Weight	10.2 ounces
Model Number	YD-886
Battery Type	Lithium Polymer (1 required, included)
Battery Capacity	36800 Milliamp Hours
Connectivity Technologies	USB (USB Type C, USB Type A)
Special Features	Flashlight, Fast Charger, Fast Charging, Portable Charger, Waterproof, Over Charging Protection, Short Circuit Protection
Other Display Features	Wireless
Color	Orange
Manufacturer	Dongguan Xionel Electronic Technology Co., Ltd
Date First Available	May 7, 2023

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact Mregb customer service directly. Keep your purchase receipt for warranty claims.

	<p>User Manual: 36800mAh Solar Power Bank with Dual USB Ports</p> <p>Comprehensive user manual for the 36800mAh solar power bank, detailing product structure, specifications, usage instructions, precautions, and warnings for safe and effective operation.</p>
	<p>YD-819 Portable Solar Power Bank User Manual: Features, Charging, and Safety</p> <p>Detailed user manual for the YD-819 portable solar power bank. Covers product specifications, how to use the flashlight, LED indicators, USB and solar charging methods, device charging, important safety precautions, and warnings.</p>
	<p>Multifunctional Work Lights YD-2324 User Manual - ESMARTER</p> <p>Comprehensive user manual for the ESMARTER YD-2324 multifunctional work light. Learn about its features, lighting modes, and essential safety precautions for optimal use.</p>
	<p>Solis S6 Series Hybrid Inverter User Manual</p> <p>Comprehensive user manual for the Solis S6 Series Hybrid Inverter, detailing installation, operation, safety, and troubleshooting for models like S6-EH3P8K02-NV-YD-L. Designed for commercial and residential hybrid solar systems.</p>
	<p>YORK Model YD Dual Centrifugal Compressor Liquid Chillers - Design Level C</p> <p>Explore the YORK Model YD Dual Centrifugal Compressor Liquid Chillers (1500-6000 tons), Design Level C. This document details advanced features, energy efficiency, sustainability benefits with HFC-134a refrigerant, and the integrated OptiView Control Center for optimal performance and monitoring.</p>
	<p>YD-806 Bluetooth Speaker with Microphone User Manual</p> <p>Instructions and specifications for the YD-806 Bluetooth speaker with microphone by Shenzhen Nuozhe Technology Co., Ltd. Learn how to connect, operate, and troubleshoot.</p>