



TOUGHTESTED TT-PBW-SB1 Power Pack and LED Light Panel User Guide

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USER GUIDE
TT-PBW-SB1
DUAL SOLAR
SWITCHBACK
POWER PACK & LED LIGHT PANEL

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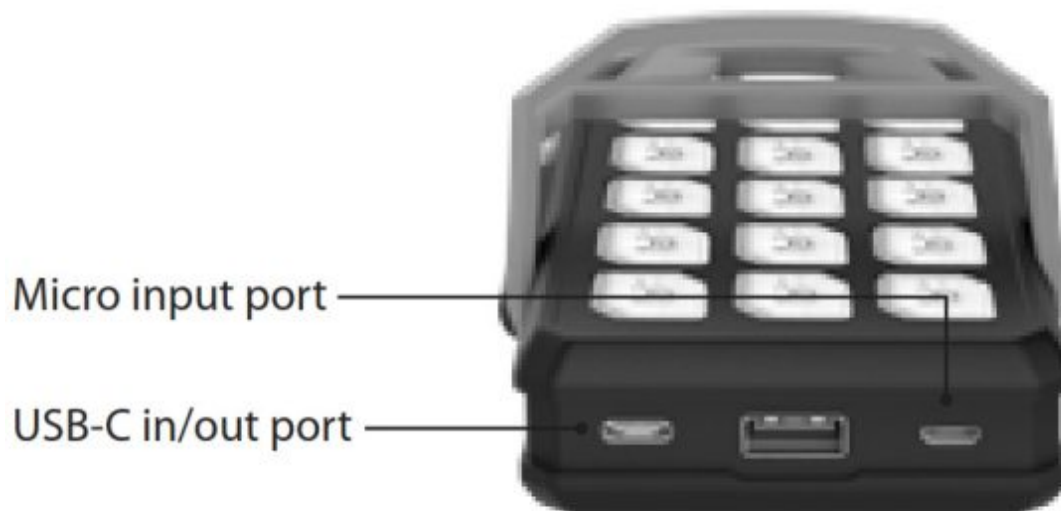
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CHARGING THE POWERBANK

- Connect a cable to either the USB-C in/out port or the Micro USB Input port.



- To fully charge the powerbank: Let charge until all 4 blue LEDs are lit and not blinking.

1A Charger	2A Charger	QC2/QC3 Charger	PD Charger
12 hrs	6 hrs	4 hrs	3 hrs

SOLAR CHARGING

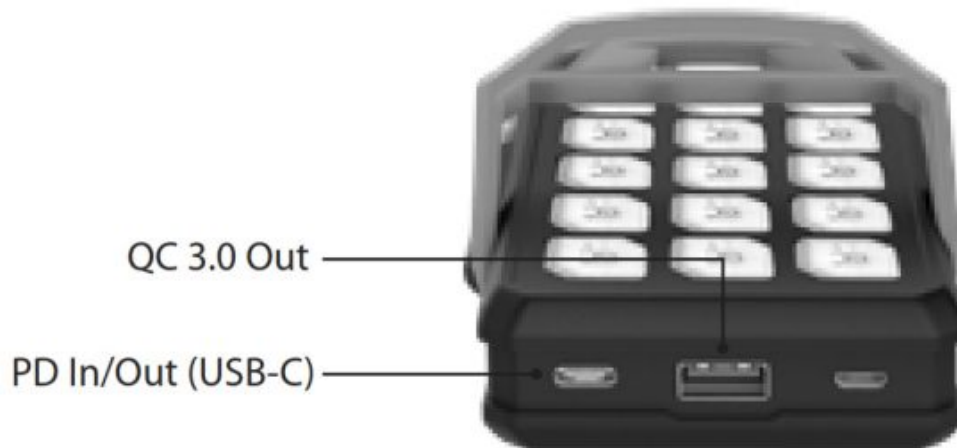
- For solar charging open the cover as shown.
- Place the solar panels facing direct sunlight. The green solar charge light will illuminate.



- Solar charging is best used for emergency purposes only.
- 5 hours of solar charging will provide enough power to charge a Smartphone about 60%.

USING THE POWERBANK

- Connect your device to the QC3.0 port or the PD USB-C port.
- If your phone supports fast charging it will automatically go into fast charging mode.




- You can charge multiple devices at the same time, though charging may be slower.

OPERATING THE LIGHT PANEL

Hold the power button for 3 seconds to turn the light panel on or off.

- With the light panel on, short press to change modes White low → white high → flashing white → SOS → solid red → flashing red

CHECKING THE POWERBANK'S POWER LEVEL

- When there is no device connected to the powerbank, press the  button once. The LEDs will light up to indicate the charge level.
- One LED indicates up to 25% charge, two LEDs up to 50%, 3 LEDs up to 75%, 4 LEDs up to 100%.

- When the last blue LED is blinking on the powerbank, it needs to be recharged.
- In 35 seconds the powerbank will automatically turn off to conserve power.

A note about IP rating: The powerbank is IP44 rated

IP rating stands for Ingress protection. The first digit is for solids and the second is for liquids.

4 = protects against most wires, screws , etc. > 1mm in size

4 = Water splashing against the enclosure from any direction shall have no harmful effect.

The protection rating for this product applies only when the ports are covered with the orange cap. Do not submerge this product in water or any other liquid.

Note on solar charging: Avoid prolonged exposure to heat as it may damage the battery, do not place on a car dashboard or other surfaces that can become hot to the touch.

Need help? We are here to help with any product questions you may have, please contact customer service at Techsupport@mizco.com or 1-800-838-3200 from 9AM – 6PM

Mon – Thu, 9AM – 3PM Fri, Eastern time.

LIMITED WARRANTY

Thank you for purchasing a ToughTested® product from Mizco international, Inc.

We want you to enjoy this product without any problems.

However, in the unlikely event that it malfunctions, we will either repair or replace it as part of the product's 5 year limited warranty.

If the product has malfunctioned during normal use, the responsibility of ToughTested® is limited solely to the repair or replacement, at its option, of the product. This warranty does not extend to damage or failure that results from misuse, neglect, accidents, alteration, abuse, improper installation or maintenance.

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Documents / Resources

	<p>TOUGHTTESTED TT-PBW-SB1 Power Pack and LED Light Panel [pdf] User Guide TT-PBW-SB1 Power Pack and LED Light Panel, TT-PBW-SB1, Power Pack and LED Light Panel</p>
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