

Promate[®] 100 Powerstation Owner's Manual

Promate 100 is a powerbank with AC and DC outputs. 220VAC output is suitable for small household appliances. This device also supplies 12VDC, and 5V (USB), which are applicable to a variety of DC powered items. It also has a Type-C port which can be used as a fast charger.

Technical Parameters:

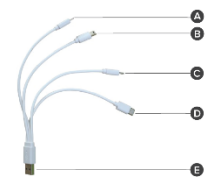
1. Two (2) 5V, 2A USB ports, Total output: 3A
2. One (1), 1W, 12VDC LED light
3. Blue LED display for battery capacity
4. Switch buttons: One (1) AC power, and one (1) DC power
5. 1pc input port: 3A maximum input current
6. Type-C port for charging, (is this 45W or 4.5W)
7. AC outlet, 120W, 220V
8. 14.8V/6.6Ah (97.68Wh) lithium ion (Li-Ion) battery

BOX ALSO INCLUDES:

1. One (1) AC Adapter
2. One (1) Octopus cable



AC Adapter



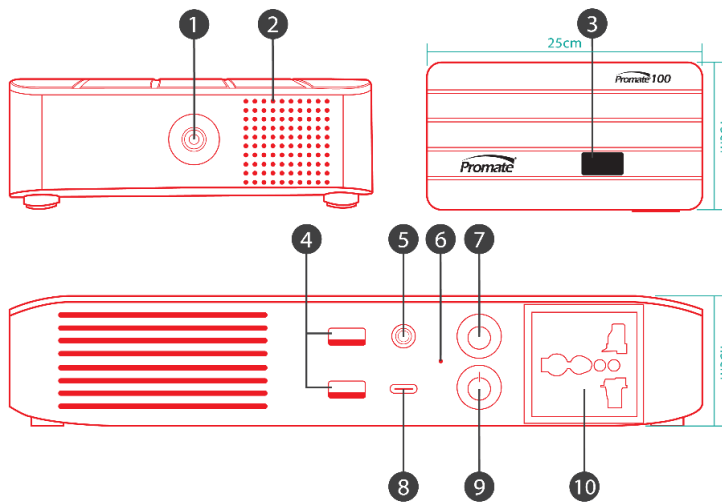
Octopus Charger
Cable

- A** iPhone
- B** Moto V3
- C** Micro USB
- D** Type-C
- E** USB

- (1) Please make sure you follow carefully the instructions mentioned in this manual before using this device to ensure safety operation. Keep the manual at a proper place.
- (2) Make sure you fully charge this device before using it for the first time.
- (3) Consider the rating and type of loads before you connect to this device. Connect only prescribed device and appliances to this device.
- (4) Keep this device in a place out from reach of children.
- (5) Don't use and store this device under extreme temperature, otherwise, this will damage its internal parts.

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Features and Functions:



- ① 0.5W LED Light
- ② Cooling Fan
- ③ Digital Battery Display
- ④ Two 5VDC / 2A USB Ports
- ⑤ DC Input
- ⑥ AC Indicator
- ⑦ AC ON / OFF
- ⑧ 2.25A / 20VDC Type-C USB Port
- ⑨ DC ON / OFF
- ⑩ 220V / 120W AC Output

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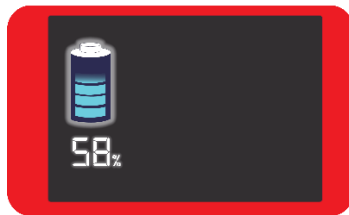
Charging Instructions (See Page 3 for reference)

You can charge your Promate 100 using three (3) different methods:

Method 1: Connect AC Adapter to Port 5

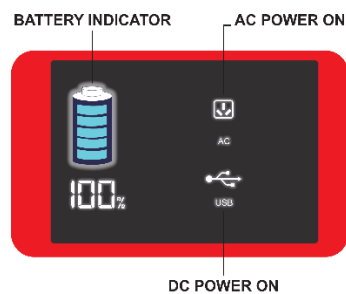
Method 2: Connect Type-C USB to port 8

When charging, the battery indicator will show a pulsing battery level (see image below)



Operating Instructions:

1. When using USB port, please press DC ON-OFF.
2. When using 220V AC Output port, please press AC ON-OFF for 5s to Turn ON/OFF.
3. When AC ON-OFF is pressed for more than 10s, the machine will lock itself.
Please restart it by pressing DC ON-OFF to turn it on, and then press AC ON-OFF for 5s.
4. Press DC ON-OFF for 5s to Turn ON/OFF the LED light.
5. Type-C port can be for Charging and Discharging.



Electrical Safety:

- (1) Handle this device with care. Rough handling will damage its internal parts.
- (2) Don't immerse this device. This might damage the circuit board and other parts, and this might short-circuit the device.
- (3) Please use accessories provided in this set.
- (4) Plug in to this device only gadgets and small appliances prescribed by the supplier.
- (5) Do not dismantle the device. In case of battery failure or any malfunction, please contact the supplier. Otherwise, this might void its warranty
- (6) Do not jerk, knot, sharply bend, or abuse the power cords
- (7) Do not expose the cords at very high temperature
- (8) When disconnecting the cords, pull on the plug. Do not pull on the cord
- (9) Make sure the cords are not pinched, peeled, or cut on its insulation.

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- (1) Do not put the battery exposed to fire to avoid injury.
- (2) Do not dismantle the battery. because the electrolyte of battery contains strong acid and other hazardous substances, which would cause injury on skin and eyes. In case of exposed in the electrolyte, please wash with clean water and go to hospital immediately.
- (3) Please do not short the terminals of the battery. Otherwise, it will lead to short-circuit or electrical and fire accidents.

Precautions of Usage:

The product life and reliability may be affected by operating environment and preservation methods. therefore, please avoid using under the following environment:

- a. Exceed the specified specifications (temperature 0-40°C, relative humidity 20% -90%), high, low temperature or humid places.
- b. Vibration or easily shocked places.
- c. Places filled with metal powder and dust, corrosive substances, salt and flammable gas.
- d. ~~If left for a long period with no use, the solar inverter must be stored in dry environment. Storage temperature:— 20-55°C. To use the battery the temperature should be warmed up to 0°C or higher, keep the temperature for some time before using.~~

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Content	Specification	Remark
Max input voltage	18-20V 45W	DC / Type-C can charge the device at same time
Max input current	3A	Max battery current 3A
Charging model	PWM or Type-C	
USB open output voltage	5.0-5.4V (regular 5.2V)	USB maximum output current less than 3A
Type-C output	50V, 9.0V, 12.0V, 15.0V , 20V for different loads	Maximum output load power is 45W
Charging and discharge indicator	LED display	Battery capacity 0-100%
Overcharge protection voltage	4.25*4V=17.0V	
Over charge recover voltage	≤16.5V	
Overdischarge protection voltage	≤12.0V	
USB output transfer efficiency	≥85%	
Temperature protection	Stops charging/discharging when temperature over 60 degree	
USB output voltage	5V USB1+USB2=3A	

SERVICE INFORMATION

**CONTACT POWERTECH ASIA PACIFIC INC.
PRODUCT SERVICE DEPARTMENT AT
(+63-2) 628-1050**

LIMITED WARRANTY

Warranty Coverage: Powertech Asia Pacific Inc., (the Company) warrants to the original retail customer that it will repair or replace, free of charge, any parts found by the Company or its authorized service representative to be defective in material or workmanship. This warranty covers the cost of replacement parts and labor for defects in material or workmanship.

Not Covered:

- Transportation charges for sending the product to the Company or its authorized service representative for warranty service, or for shipping repaired or replacement products back to the customer; these charges must be borne by the customer.
- Damages caused by abuse or accident, and the effects of corrosion, erosion and normal wear and tear.
- ~~• Warranty is voided if the customer fails to install, maintain and operate the product in accordance with the instructions and recommendations of the Company set forth in the owner's manual, or if the product is used as rental equipment.~~
- ~~• The Company will not pay for repairs or adjustments to the product, or for any costs or labor, performed without the Company's prior authorization.~~
- ~~• Consumable parts such as battery, spark plug and air cleaner.~~

Warranty Period: One (1) year from the date of purchase on products used solely for consumer applications; if a product is used for business or commercial applications, the warranty period will be limited to ninety (90) days from the date of purchase. For warranty service, the customer must provide dated proof of purchase and must notify the Company within the warranty period.

Call: (+63-2) 628-1050

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This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow a disclaimer of implied warranties, or the exclusion or limitation of incidental and consequential damages, so the above disclaimers and exclusions may not apply to you.

