

RoHS



[www.ninjabatt.com](http://www.ninjabatt.com)  
[support@ninjabatt.com](mailto:support@ninjabatt.com)

## USER GUIDE

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280Wh PORTABLE  
POWER STATION

**Thank you for purchasing your new power station from NinjaBatt.** A great deal of effort and care has been invested into this unit so that you could enjoy a high-end back-up battery pack.

Your new power station is a vital addition to any emergency kit. It is also perfect as a power back-up when camping, fishing, hunting and many other outdoor activities.

**Please read through the following quick start guide before using the unit.**

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**Package includes:**

- › Our awesome power station
  - › AC charger with charging cable
  - › Car lighter adapter
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# CAUTION

Before using our power station, please read the following instructions carefully:

- 1 Heat is the enemy - Keep your powerstation away from heat sources like direct fire or different heaters.
- 2 Keep away from moisture or water.
- 3 Do not disassemble, microwave, puncture, incinerate or insert foreign objects into the power station.
- 4 Do not crush, blend, shred, drop or place heavy objects on top of the device.
- 5 Please avoid exposing this product to fire sources. The product contains Li-ion batteries which are highly sensitive to high temperatures.
- 6 Do not use the product if damaged or punctured.

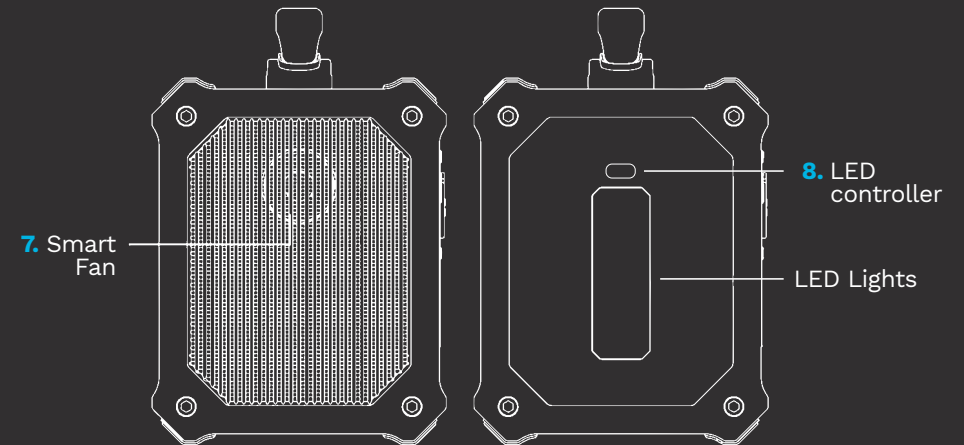
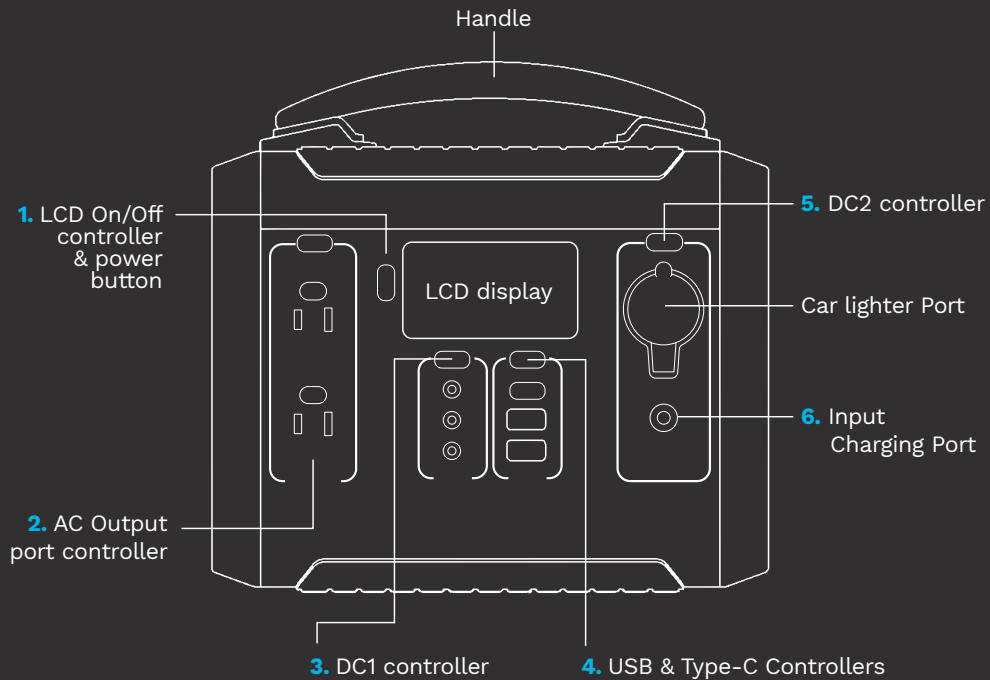
To always be prepared - please charge the power station every other month if not used for a long period of time

# Product Specifications

<b>Battery Power</b>	Lithium-ion - 280Wh (26Ah/10.8V)
<b>AC Input Charging</b>	AC100-240V to DC19V/3.78A
<b>Car Input Charging</b>	DC 12.8V~24V/5.5A Max
<b>Solar Panel Input</b>	DC 12.8V~24V/5.5A Max
<b>DC 12V Output</b>	1X Cigarette Lighter / 9V~12.6V/8A Max Regulated 3X DC Rated Output / 9V~12.6V/3A Max Regulated
<b>AC Output</b>	Pure Sine Wave Output AC Continuous Output: 300W Max AC Voltage: 110V AC $\pm$ 10% Output Frequency: 60Hz $\pm$ 5%
<b>USB Outputs</b>	Type-C: PD3.0 60W Max (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A) Auto Type-A: Single output QC3.0 18W (5V3A,9V2A Auto), Simultaneous output 5V 2.4A, Total 4.8A
<b>LED Lights</b>	2W Max, 3 Levels with SOS function
<b>Safety Protections</b>	Short-Circuit Over-Current Over-Voltage Low-Voltage Over-Load Over-Temperature
<b>Operating temperature</b>	0 - 40°C
<b>Battery Charge Cycles</b>	1000 +
<b>Pass-Through Charging</b>	Supported
<b>Dimensions</b>	230*219*148mm / 9.06X7.87X7.2in
<b>Weight</b>	3kg/6.6lb
<b>Certifications</b>	ETL, UN38.3, MSDS

# Product Diagram

# Product Diagram



**1** On/Off button - Press to turn off display (for night mode) or long press (5 seconds) to turn off the unit

**2** AC port controller - Press to enable/disable double AC ports

**3** Press to enable/disable 3 12V/3A DC ports

**4** Press to enable/disable USB and type-C ports

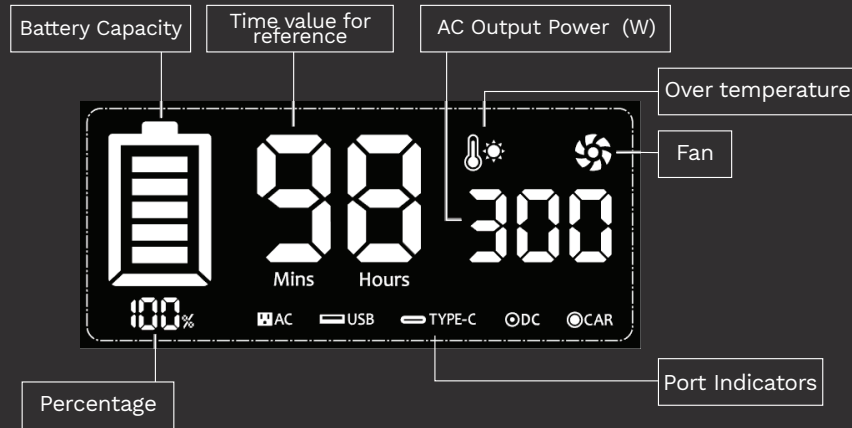
**5** Press to enable/disable 12V/8A DC port car cigarette lighter

**6** Input for charging from solar panels, AC, generator, or car cigarette lighter port.

**7** Smart fan - Your fan will automatically kick in as soon as the unit detects high temperatures

**8** Change LED brightness - High, medium, low

# LCD Diagram



- › When recharging the Power station – time value numbers indicate time left to a full charge.
- › When using the unit to power devices – time value display remaining usage time.

## Please note

Remaining usage time is dynamic and dependent on output wattage. Output wattage changes according to battery level of the item that is being charged.

# Recharging the unit

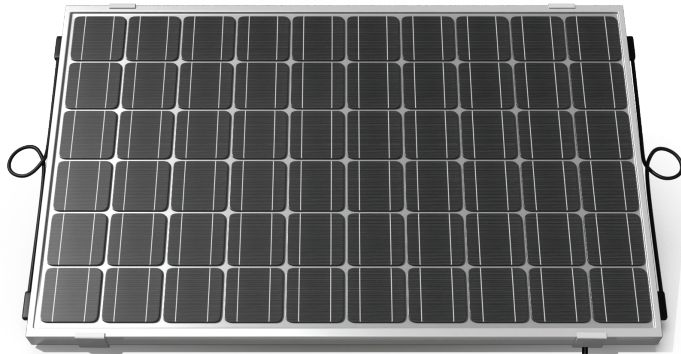
## 3 recharging options

- 1** Recharge through AC socket - simply plug in the power station to an AC outlet using the included wall plug cable.
- 2** Recharge through your car or truck lighter socket - using the included 12V Car Charger - cable included.
- 3** Recharge using a solar panel - We recommend using a solar panel of 60 to 100 Watts and 24 volts - MC4 cables included.

Before using or storing, please charge your power station until it is fully charged.



# Charging via solar-panels



Your new power station is solar ready. It includes a built in MPPT controller that prevents overcharging, and it is designed for an easy and efficient compliance with your solar panel.

**We recommend: 60-100 Watts solar panels of up to 24 Volts.**



5.5\*2.1mm Connector

# Using your 300Watt power station

- 1** Press the power button or any other port button to turn on the unit. When not using certain ports, it is best to turn them off to conserve power.
- 2** Read the LCD screen to know which port is turned on.
- 3** Plug in your gear.
- 4** Your unit supports a full pass-through charging so you can charge your power station and run your gear at the same time.

## Note

Always take note of the LCD battery display. If you plug in a device that has a high-power consumption, the charge level of your power station may drop quickly. In addition, especially when using the AC outputs, your power station will be converting battery power into AC power. Although your power station has a highly efficient pure sine wave inverter, there is still some energy lost in the conversion and you will not get the full rated capacity of your battery.

# FAQ'S

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**1 How long will my device run when plugged into the power stations?**

Usage time = 280Wh divided by your device's Wh consumption.

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**2 Which electronic appliances can I use with the power stations?**

All electronic devices of up to 300 Watts.

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**3 Which solar panels can I use to charge the power station?**

We suggest using solar panels of 60 to 100 Watts and up to 24 Volts. Remember – Charging speed is also dependent on sunlight intensity.

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**4 Which solar panel charger controller is being used with this unit?**

We use MPPT – Maximum power point tracking to maximize power extractions from solar panels.

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**5 Can this device be used as a jump starter?**

No.

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# FAQ'S

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**6 Is this device water/weather resistant?**

No. Do not expose the unit to water.

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**7 Are the batteries used replaceable or upgradeable?**

No. Batteries are built in. Note – opening of the unit will void your warranty.

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**8 Is there a way to disable a port group?**

Yes. Clicking a port's group button will disable/enable it. When enabled, an icon appears on the LCD screen.

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**9 How long will a single charge last without using the unit?**

2-3 Months.

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**10 Does this device support pass-through charging?**

Yes. You can simultaneously charge other devices while recharging the power station.

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