# T500 Portable Power Station

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# Part 1:

# T500 Product Introduction

# 1.1 T500 Description

## T500 Power Station

It's an off-grid portable battery system, also called portable solar generator/energy storage system/power box/AC power bank, etc.
It's used for charging your electronic equipments whenever you need power.
It's small and mobile, you can carry it to everywhere.

# 1.2 T500 Specifications

## Battery

Battery Type: lithium ion batteries
Capacity: 140000mAh, 3.7V/518Wh
Inverter: Pure Sine Wave
Charge Controller: MPPT

## Inverter & Controller

## Input

DC5521 Input: Adapter-24V/5A
Fully Charged Time: Adapter:5 hours

## Output

AC: Rated Power 500W; Peak Power 1000W
(220V/50Hz; 110V/60Hz, can be customized)
DC: 12-16.8V/14.5A MAX
USB-A: 5V/2.4A & QC3.0 18W
USB-C: QC3.0 60W
Cigarette Lighter: 12-16.8V/14.5A MAX

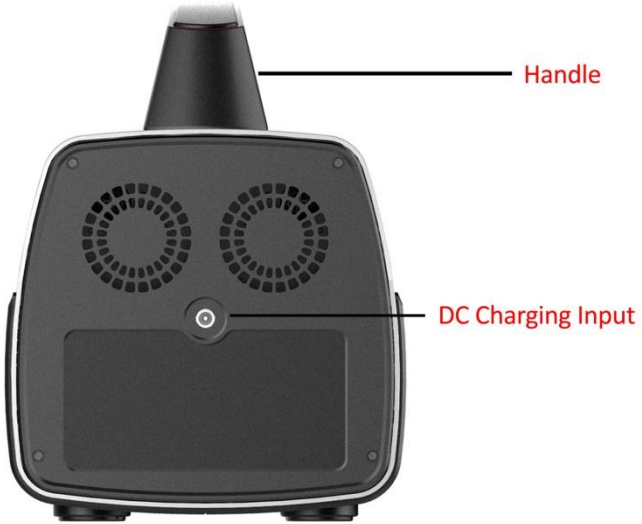
## Size

Dimensions: 310*170*213MM
Weight: about 6.5KG

# 1.3 T500 Functions

**Front**

**Back**



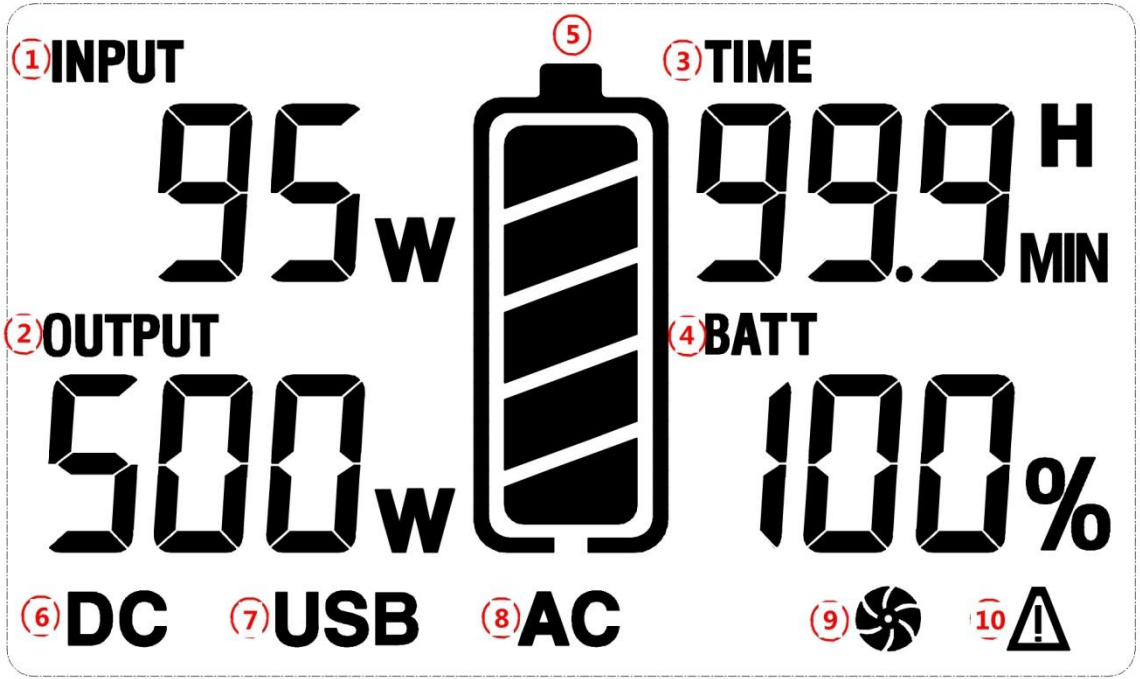

**☆ AC Socket:can be customized according to different countries/areas.**

# 1.4 LCD Display Panel

⑤ Battery Status

① Charging/Input Power

② Discharging/Output Power




③ Remaining Time

④ Battery Capacity Percentage

⑥⑦⑧⑨⑩ DC/USB/AC/Fan/Error Indicator

# 1.5 T500 Accessories

**AC Adapter*1**
**Car Charger*1**
**User Manual*1**

# Part 2:

# How To Use T500

# 2.1 How To Use T500

## T500 Power Station

It's **Plug-and-Play** like using a power bank. Not only for outdoor activities, but also for home use/emergency.

# 2.2 What can T500 do for you?

## Provide Power To A Wide Range of AC Devices(rated under 500W)

TV, Projectors, Standing Fan, Laptop, Small Fridge, Camera, Small Blenders, Pellet Smoker, etc

## DC & USB Devices

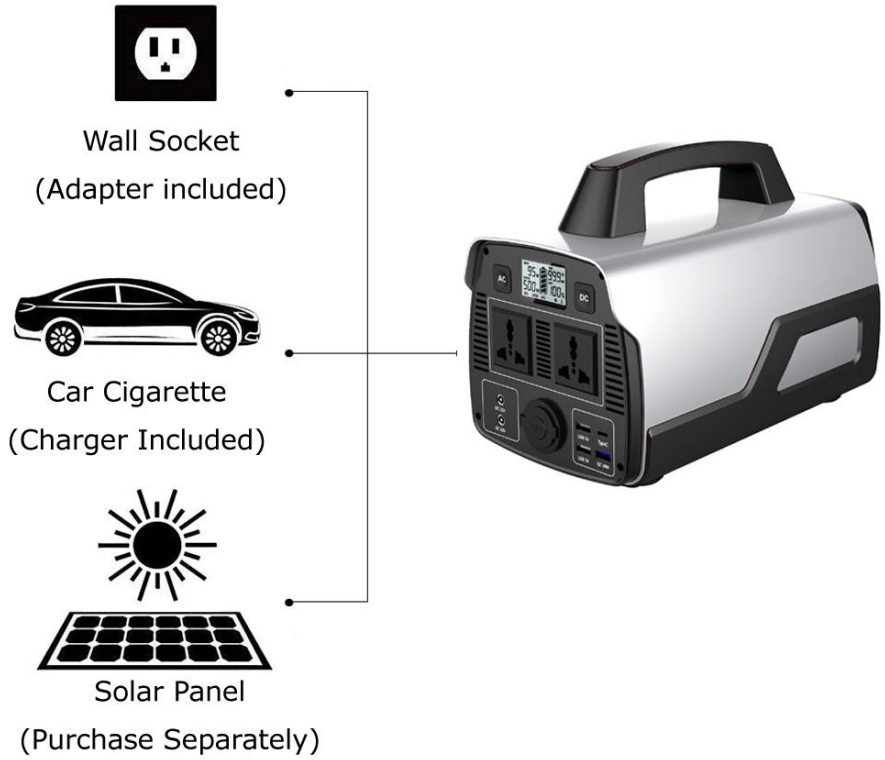
DC Fan, DC LED Bulbs, Smartphones, Tablets, Laptop, CPAP, Drones, Camping Lights, etc

## DC-Cigarette Lighter Port for Car Appliances

Car Coolers, Air Pumps, Car Vacuums, Car Rice Cooker, Car Air Purifier, etc

# 2.3 How To Recharge T500

## T500: 3 Ways to Recharge




A.Recharge from AC Adapter:
within 7-8 hours

B.Recharge from Car Port:
within 16 hours

C.Recharge from Solar Panel 120W:
within 14 hours (in full sun)

# Part 3:

# T500 Applications

# 3.1 Enjoy Nature, Enjoy Power

## Enjoy Outdoor

RV,Yacht,Camping,Traveling,Hiking,Fishing, Climbing,Adventures,Business Trip, Street Business, etc

## Home Use/Emergency

Power Shortage, Power Cut, CPAP, Hurricane,Typhoon, Earthquake, Disasters, etc

# 3.2 T500 FAQ

## FAQ

**What devices can T500 power for?**

Please note that the AC output port can only charge/power devices that operate at less than 500-Watt.

**How to know the working time for my devices?**

Working time = 518Wh* 0.85 / operating power of your device.

**About T500 Safety**

Over/Low-voltage protection,
Over-current protection,
Short-circuit protection,
Over-temperature protection, etc

# 3.3 Global Market

# Part 4:

# Production & Factory

# 4.2 Our Factory

SGS

Topak Power Technology Co., Ltd.

ISO 9001:2015

IAF

UKAS

# 4.3 Production Line

Thank you !