

# **About TWS**

### Dynamic Leadership in Innovative Rechargeable Lithium-ion Battery Solutions

TWS, a dynamic and global industry leader focused on providing innovative Lithium-based battery technology solutions, was founded in 1998. With 25 years development, we have now grown to over 2,000 global employees to service the worldwide markets. TWS always follows the practice of customer-focused values and we're committed to providing innovative solutions in response to the rapid growth of new lithium-ion battery applications.

# **Vision & Mission**

A Better Life through Innovation

**Vision:** Create a better life for people

Mission: To be the industry leader in rechargeable energy solutions

Tech Centers

Founded in **1998** 

17

Factories

Annual production capacity

1

13 GWh

Patents 80+

Active SKUs
500+

Batteries Sold

300,000,000+

ISO & IATF

Certifie

TWS
T Series Portable
Power Station







The global attention on clean energy and the trend of outdoor lifestyle has driven the development of portable power station. TWS Technology has independently developed its portable power station with the features of triple protection, fast charge, high performance and convenient operation, which can provide power supply of outdoor activities and emergency rescue.



# Applications

#### Outdoor Activities

To meet all the needs of electrical power in outdoor leisure activities, including camping, RV touring, fishing, hunting, etc.

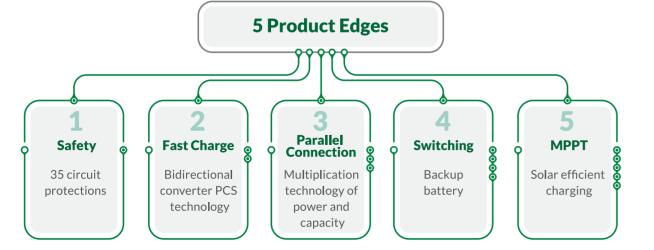
# Emergencies

To solve the problems of power shortage and power outage in the areas where earthquakes, tsunamis, hurricanes, volcanoes, floods and other disasters occur.









# T series portable power station-

### **◆ T-600**





≈65 times

≈**2** hours

Electric Cooker



≈11 times

≈**42** times

Model

T-1200







≈**86** hours Table Lamp

Model	T-600	
Nominal Capacity	531Wh	
AC Output	100V-230V Pure sine wave Rated power 600W(Peak 1200W) AC output: 2 (Total 600W)	
DC Output	USB-A: 12W*2 USB-C: PD 60W*1 Car port: 120W *1	
Input	AC adapter: 100V-240V, 50Hz/60Hz, 180W Max Car adapter: 12.5-13.5V, 100W Max Solar panel: 15V-25V, 200W Max	
Operating Temperature	Charging: 0°C~ 40°C Discharging: -10°C~ 40°C Storage: -20°C~ 45°C	
Weight	≈5.8 KG	
Dimensions	286*222*200 (mm, L*W*H)	

## + T-1200





≈**17.6** hours

≈**6.8** times

≈4 hours

Electric Cooker

Portable Washing





≈**129** times Camera ≈13 hours

≈**7.8** hours

Car refrigerator

Nominal Capacity 1051Wh 100V-230V Pure sine wave **AC Output** Rated power 1200W (Peak 2400W) AC output: 2 (Total 1200W) USB-A: 12W\*2 DC Output USB-C: PD 60W\*1 Car port: 120W \*1 AC adapter: 100V-240V, 50Hz/60Hz, 180W Max Input Car adapter: 12.5-13.5V, 100W Max Solar panel: 15V-25V, 200W Max Charging: 0°C~ 40°C Operating Discharging: -10°C~ 40°C **Temperature** Storage: -20°C~ 45°C Weight ≈9.2 KG **Dimensions** 286\*222\*270 (mm, L\*W\*H)

Powering Up Your Mobility → Powering Up Your Mobility



# T series portable power station-

#### + T-2200









≈ **1.5** hours Electric grill



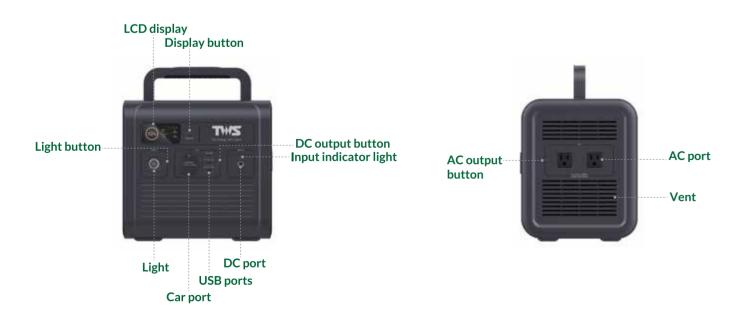




≈**152** times

Model	T-2200	
Nominal Capacity	<b>y</b> 2146Wh	
AC Output	100V-230V Pure sine wave Rated power 2200W (Peak 4400W) AC output: 4 (Total 1200W)	
DC Output	USB-A: 18W*2 USB-C: PD 60W*2, PD100W*2 Car port: 120W *1	
Input	AC Input: 1000W MAX (Bidirectional invertor) Car adapter: 13-16V, 100W Max Solar panel: 16V-50V, 600W Max	
Operating Temperature	Charging: 0°C~ 40°C Discharging: -10°C~ 40°C Storage: -20°C~ 45°C	
Weight	≈19 KG	
Dimensions	388*267*315 (mm, L*W*H)	

# **Product Details**



# Product Features



# **Technology-driven innovation & inheritance**

- Integrated single inverter and bidirectional converter fast charging inverter
  - Over 20 years of lithium battery technology heritage



## High safety features with triple protection

 Triple 35 hardware and software protection, ensuring electricity safety



#### Quality assurance with global certifications

- A number of safety design, up to UL2743 standard
- Meet global certification requirements



#### Efficient conversion and durable storage

- 96% of battery discharge efficiency
- 50,000 hours of storage with continuous power



#### Independent design and portable use

- Simple and sleek minimal design with independent design patent
- Built-in handle and silicone strip design, more convenient for outdoor activities

#### Multiple output ports for diversified use



• Double AC 600W sine wave output; PD60W max DC output





• Automotive grade cell; 94V0 fireproof material; HD LCD display

## Intelligent temperature control



• Saving energy and with excellent heat dissipation and low noise

#### Fast charge



- High-power charging adapter, up to 200W solar charging
- Multiple charging methods by mains electricity, solar panels, car port



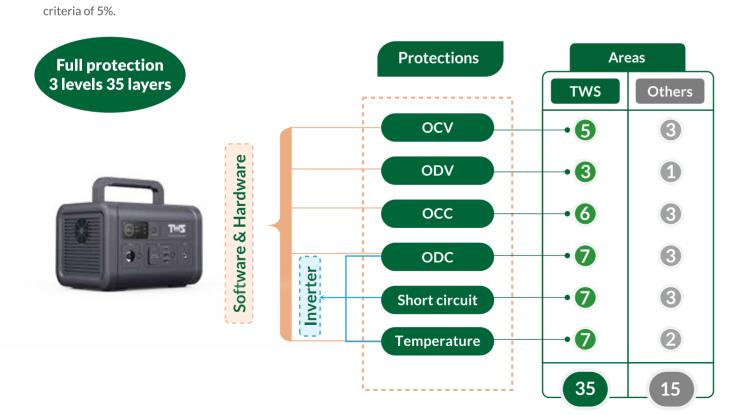




# **Test Performance**

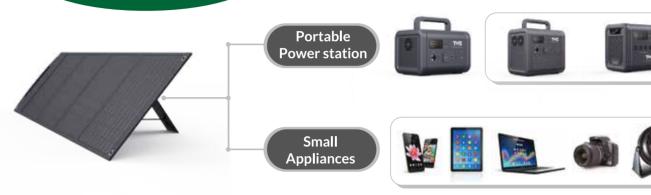
tion, less than 3%), lower than the 5% specified by the international





# TWS Solar Panels

Compatible with different brands of portable power station and small appliances

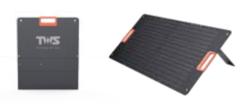


# + <u>SP-T100</u>



Cell Type	Monocrystalline solar cell	Waterproof	IPX4
Power	100W (Max)	Folded Size	420*376mm
Voltage	20V (Max)	Unfolded Size	1715*420mm
Current	5.5A (Max)	Net Weight	≈3.8kg (panel only)
Efficiency	≥22%	Warranty	12 months

# + SP-S100



Cell Type	Monocrystalline solar cell	Waterproof	IPX4
Power	100 W (Max)	Folded Size	620*535 mm
Voltage	18 V (Max)	Unfolded Size	1250*535 mm
Current	5.56 A (Max)	Net Weight	≈4.2 kg (panel only)
Efficiency	≥21.9%	Warranty	12 months

#### +SP-S200



Cell Type	Monocrystalline solar cell	Waterproof	IPX4
Power	200 W (Max)	Folded Size	647*540 mm
Voltage	19.8 V (Max)	Unfolded Size	2379*540 mm
Current	10.1 A (Max)	Net Weight	≈8.8 kg (panel only)
Efficiency	≥21.9%	Warranty	12 months

Powering Up Your Mobility + Sovering Up Your Mobility