Company Profile

SERMATEC

As an industry-leading energy digital intelligence operator and energy storage system solution provider, Sermatec is committed to ensuring the safe and efficient operation of energy digital intelligence and energy storage system through advanced energy interconnection technology and power electronics technology.

· Core Team - Years of Experience: **15+**

· Proprietary Intellectual Property Rights: **100+**

· Countries and Regions of Customers: **30+**

· Proportion of R&D Personnel: **70%**

MAGICELF Series 2kWh Portable Power Station
SMT-HESS-T2000

With 2kW/2kWh power,this product is equipped with quasi-solid-state batteries, nitride high-frequency PCS, the use of integrated body design volume and weight has significant reduction, built-in low-temperature battery preheating technology to support cold charging and discharging.

With 5 units in parallel connection could expand to 10kWh capacity, 8kW power to meet the outdoor travel heavy power users and home energy storage applications.

Product Features

- Quasi-solid-state battery, nitrided HF PCS, integrated design

- Significant year-on-year decrease in volume and weight

- Support for automotive emergency start, electric vehicle emergency range, home UPS function

- Built-in low-temperature preheat, support -30℃ charging and discharging

- IP52 protection, integrated body to resist outdoor falls and collisions

- Shell and fan double cooling reduce heat and noise,quasi-solid-state battery has very high safety, combined with the EMS, BMS, CMS, to reduce the downtown time

Camping By Car

Outdoor Work
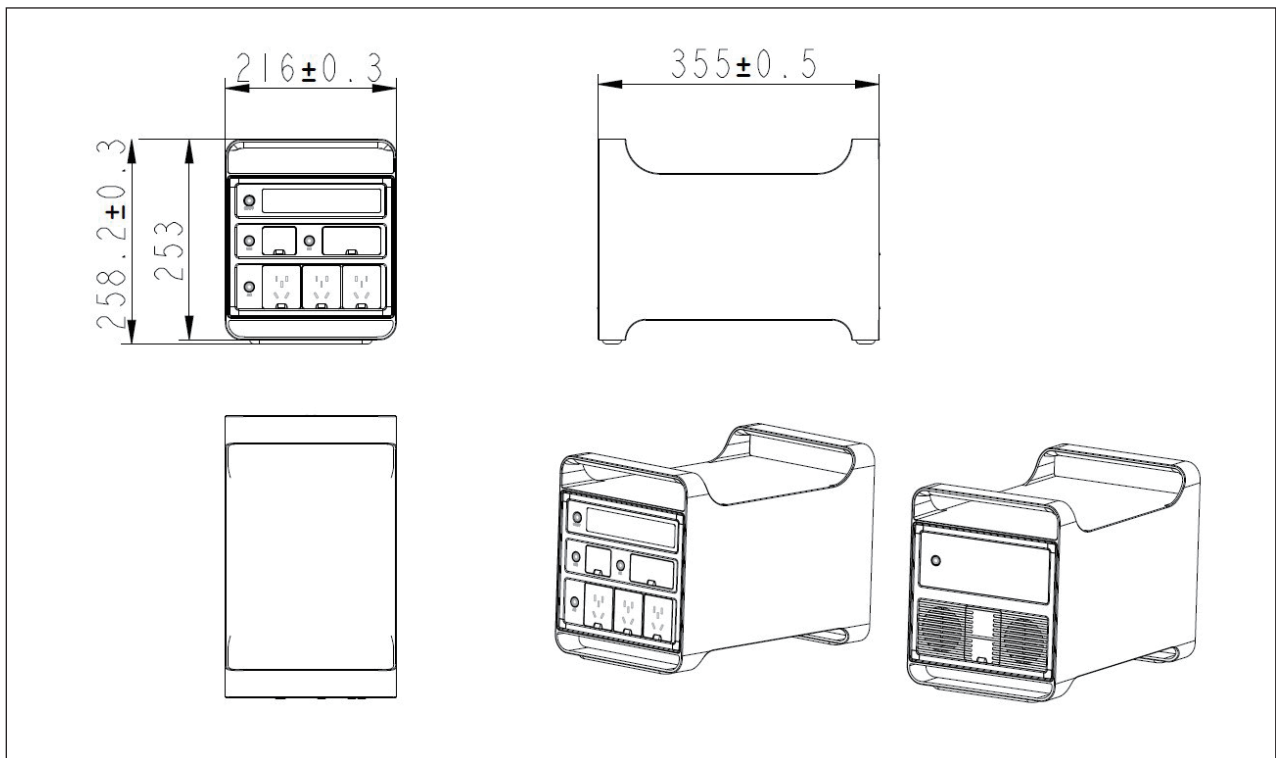
Home Backup

UPS Uninterruptible Power Supply

Technical Data

Product Type	SMT-HESS-T2000
AC Charging (V/W)	220/1200
USB-A (W)	12
DC (V/A)	12.6/6
Dimiension (W*D*H) mm	216*350*258
Capacity (Wh)	2008
Solar Charging (V/A)	XT6012-50/20
USB-A (QC)(W)	24
Car Charging (V/A)	12.8/12
Weight (kg)	16.8（Net Weight）
Ac Power (W)	2000
Car Charging (V/A)	XT6012-50/8(APP Set）
USB-C (W)	100
LED Light (W)	LED 5-10(Low Beam, High Beam, SOS, Fast Flash)
Operating Temperature (°C)	-30~40

Function Brief

Disclaimer: The content of the Manual is for reference only. In case of any change, please refer to the actual product.