



PORTABLE POWER STATION PRODUCT MANUAL

Focus on technology innovation, leading energy transformation
for the better life of mankind

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01

COMPANY PROFILE

“
FOCUS ON TECHNOLOGY INNOVATION,
LEADING ENERGY TRANSFORMATION FOR
THE BETTER LIFE OF MANKIND



FARASIS ENERGY (Portable Power Station Standard-Setting Authority)

MAKE YOUR BUSINESS MORE SUSTAINABLE WITH US

NO.1

The installed volume of pouch power battery ranked first in China for six consecutive years from 2017-2022

- ▶ Domestic product development
- ▶ Serving customers at home and abroad
- ▶ Leading in mass production within the industry

Farasis Energy (China)

NO.3

The installed volume of pouch power battery ranks the third in the world for many years

Farasis Energy (USA)

- ▶ Research and development of cutting-edge technologies
- ▶ Provide technical support to China
- ▶ Reserve technological advantages of the next-generation power battery

Farasis Energy (Europe)

- ▶ Research and development of cutting-edge technologies
- ▶ Provide technical support to China
- ▶ Reserve technological advantages of the next-generation power battery

LEADING R&D STRENGTH

With more than 20 years of R&D and production experience, Farasis Energy consists of a rich talent pool, capable of mastering dozens of independently developed core technologies within the entire industry chain, and has hundreds of patents.

- Battery cell assembly technology
- Lithium source material and its stabilization technology
- Direct recycling technology of battery materials
- 400Wh/kg high-energy-density power battery cell technology
- Low-temperature endurance technology of vehicle power battery
- Fast-charging technology of lithium-ion power battery for high-energy-density electric vehicles
- High-rate plug-in hybrid battery technology
- Solid-state lithium-ion battery technology
- High-capacity silicon-carbon cathode technology
- Battery power regulation technology

LEADING PRODUCT ADVANTAGES

Six core advantages of pouch batteries, and multi-category product production and development ability.



Ultrafast charging

- 800V high-voltage supercharging platform, charging from 30% to 80% only takes 7minutes.



High-level safety

- Certified by Daimler-Benz, Volkswagen, Lotus and other authorities.
- No fire within 24 hours after thermal runaway triggered
- The battery cells have passed the 100% SOC nail penetration test.



Manufacturing quality

- Combined with the power battery health service platform, the integrated wireless intelligent AI function BMS realizes the predictable active safety battery management through real-time monitoring and big data sharing analysis.



Strong low temperature performance

- Able to perform at low temperature, working normal at -30 ℃.



High-energy density

- 285Wh/kg battery products have been mass produced.
- 330Wh/kg battery technology has been verified.
- 400Wh/kg battery technology has been reserved.



Long-lasting life

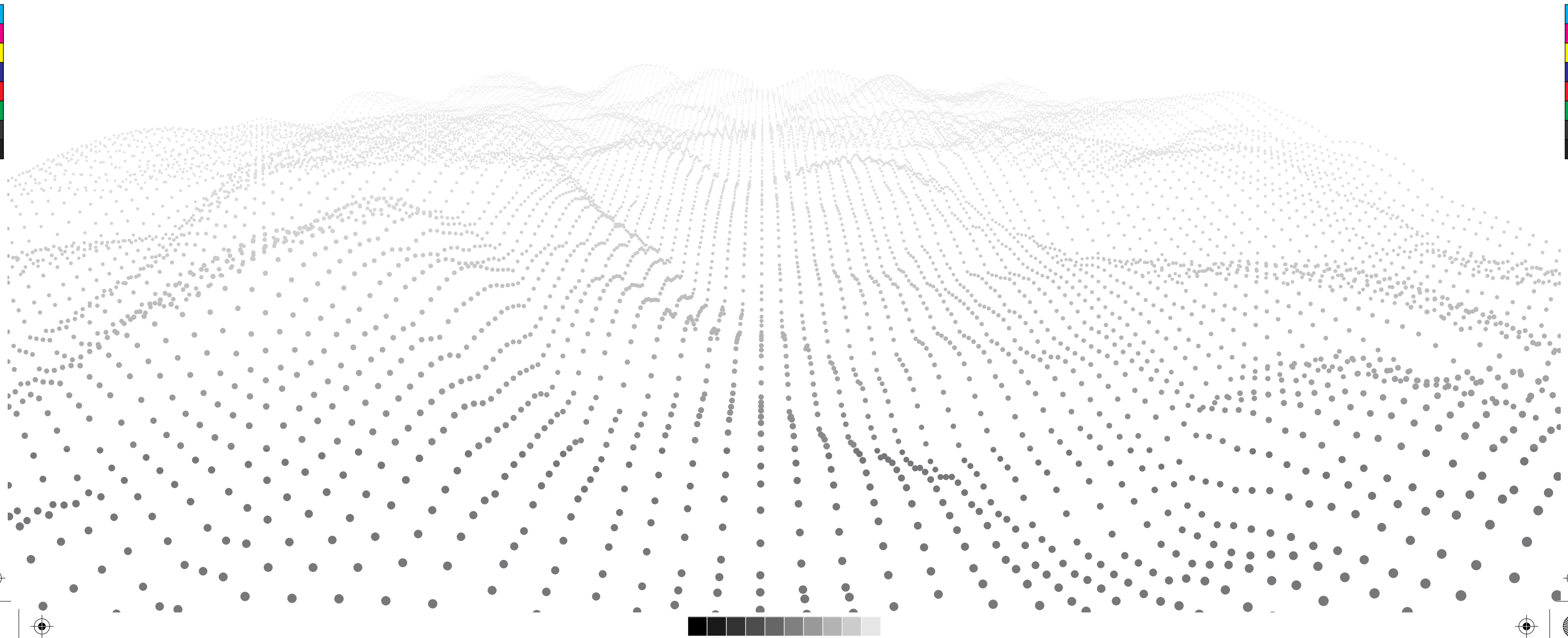
- 3,000 cycles, capacity retention ratio >85%.

FarasionTech Co., Ltd (Farasis Energy Subsidiary)

Pioneer of energy storage system manufacturing technology

FarasionTech established in September 2021. Relying on the long-standing, strong new energy technology experience of the parent company, Farasis Energy, the Company focuses on the development, production and sales of electric cars, electric motorcycles, portable power supply, household energy storage, and drones, as well as related operation and maintenance services. FarasionTech is committed to building a comprehensive lithium life service platform integrating “research, production, supply, sales and maintenance” .

- VISION** | TO ESTABLISH ECOLOGICAL LEADERSHIP IN NEW ENERGY LITHIUM BATTERY POWER SOURCE FOR TRAVEL AND HOME SERVICES.
- MISSION** | INNOVATIVE LITHIUM BATTERY TECHNOLOGY TO EMPOWER THE NEW ENERGY INDUSTRY, PROVIDING EMERGENCY AND OUTDOOR POWER SOLUTIONS.
- VALUE** | POWERING INNOVATION FOR A WIN-WIN-WIN SUSTAINABILITY.



02

PRODUCT FEATURES



SAFETY OF ELECTRICITY

AUTOMOTIVE GRADE ELECTRICAL SAFETY

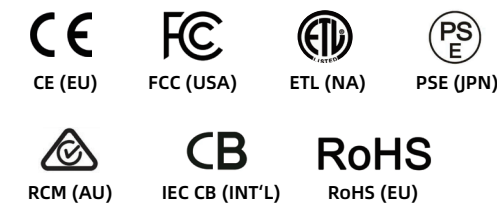
Multiple safety certifications

All-round guarantee of electricity safety



Product Certification

Multiple international safety certifications, to protect product safety



Intelligent BMS

Industry-leading automotive grade intelligent BMS system

Thermal Runaway

No fire within 24 hours after thermal runaway triggered

Nail Penetration Test

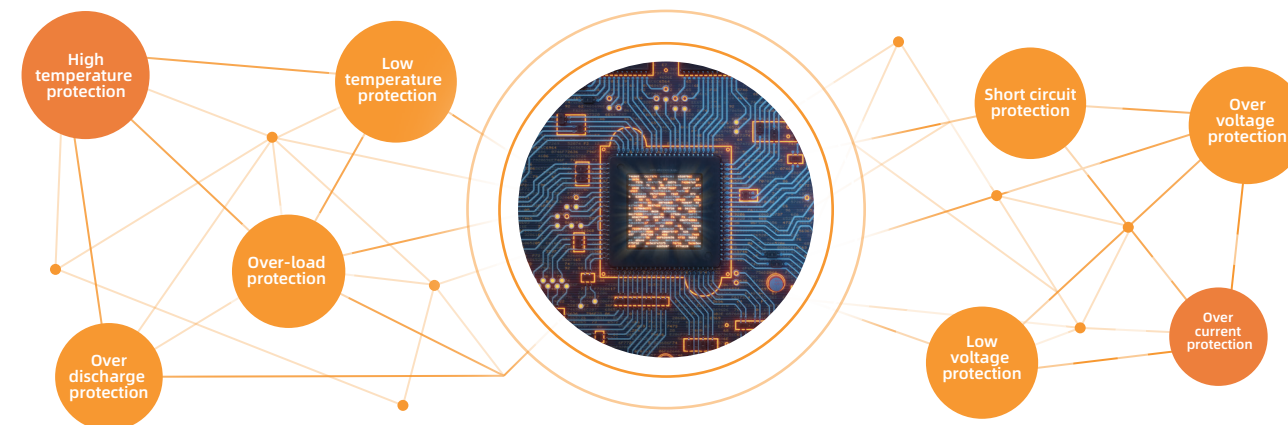
The battery cells have passed the 100% SOC nail penetration test

Automotive-grade battery cells

The cells are also used in global luxury car brands

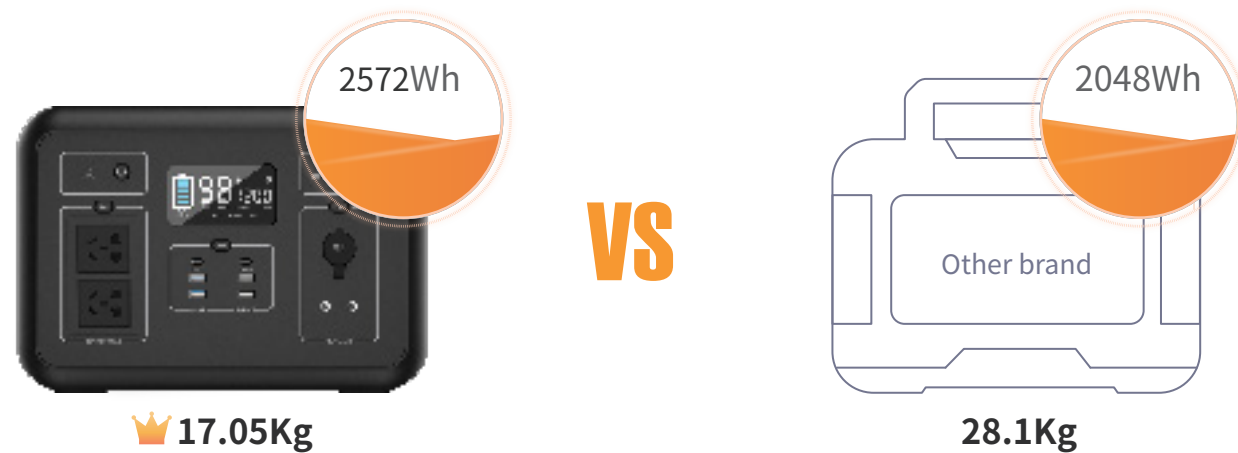
Automotive-grade intelligent BMS system

8 types of safety protection



SAME WEIGHT HIGHER CAPACITY

The weight of SPRRDACCEPT portable power station(2572Wh) is 17.05kg , while the weight of other brand' s(2048Wh) is 28.1kg



SAME VOLUME HIGHER CAPACITY

The volume of SPRRDACCEPT portable power station(2572Wh) is 0.022m³, while the volume of other brand' s(2048Wh) is 0.045m³



HOT

SAFE, DURABLE AND HIGHLY EFFICIENT EVEN IN EXTREME TEMPERATURE



SPRRDACCEPT / -30°C to 60 °C OTHER BRANDS / 0 °C to 50 °C

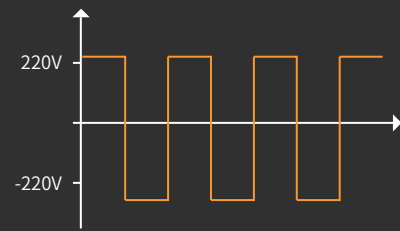
COLD

PURE SINE WAVE OUTPUT

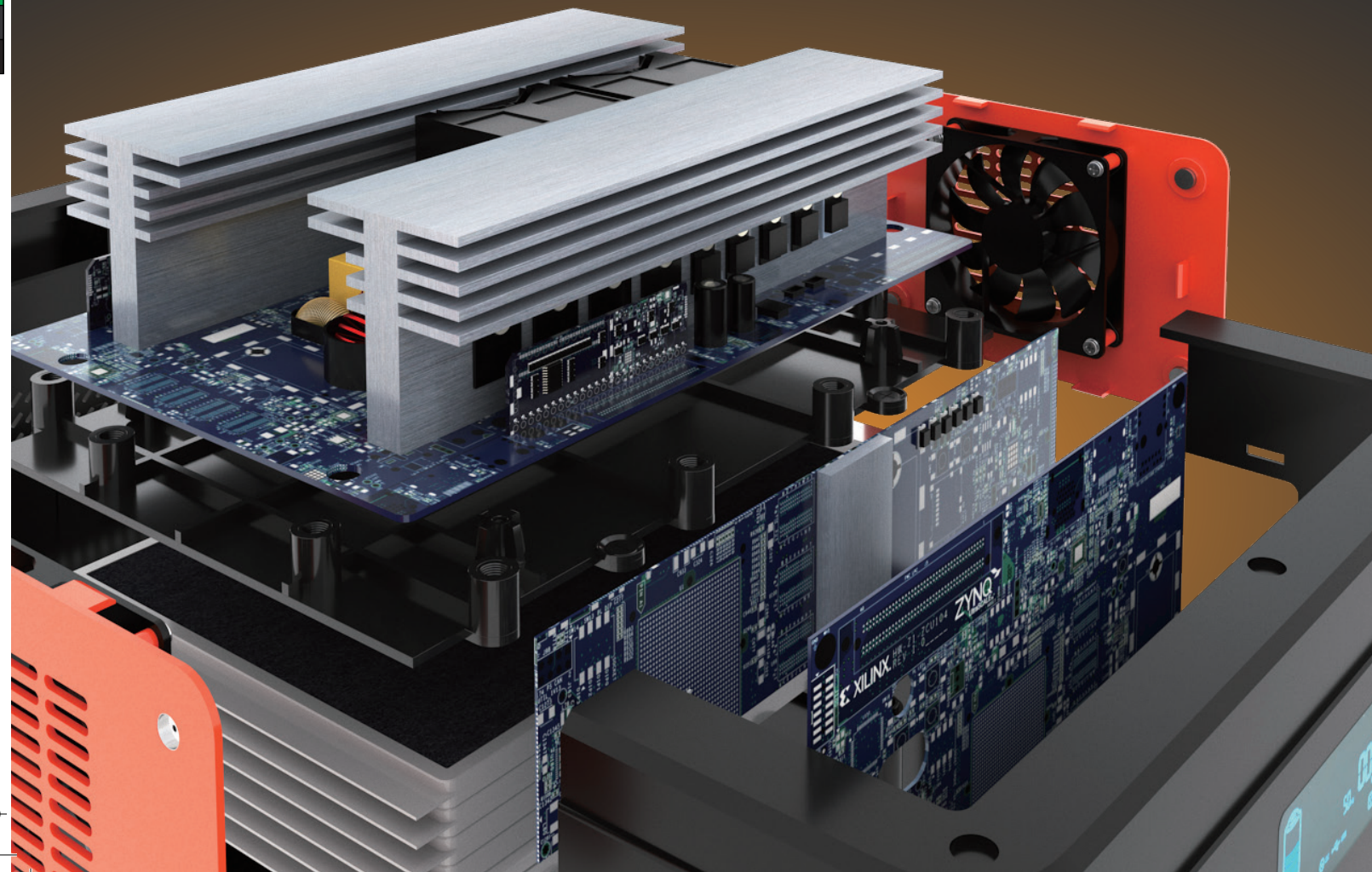
With the same waveform as the mains,
is adopted to protect the circuit environment and prevent equipment damage



✓ Pure sine wave



✗ Modified sine wave



VARIOUS APPLICATION SCENARIOS



POWER MULTI-DEVICE SIMULTANEOUSLY



The actual output types is based on the product

FLEXIBLE CHARGING POWERED AT ALL TIMES



The actual output types is based on the product



“ **TRAVEL AT EASE
WITH SPRRDACCEPT** ”



“ **POWERED
ANYTIME ANYWHERE
ALWAYS
READY TO GO** ”



BUSINESS PARTNERS

