

PlusPower[®]

PlusPower[®]

**Empower your life,
Empower your world**



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COMPANY PROFILE

Plusrite Electric was founded in May 1986 in Changzhou, China, with the vision of becoming a recognized leader throughout the world in the distributing and manufacturing of high-quality lighting products. With our emphasis on continual innovation, excellence in manufacturing and customer driven service, today Plusrite Electric has grown into a global leader in the manufacturing and distribution of LED, HID, tungsten halogen, fluorescent and other specialty lighting products. In addition to receiving the ISO 9001 Quality System Certification, Plusrite Electric has received numerous awards for their outstanding products, innovative designs and international business enterprises.

With factories, distribution warehouses and sales offices located throughout Asia and North America, and expansion planned into South America and Europe, Plusrite Electric products are being manufactured to accommodate the rapidly expanding global marketplace. Currently there are more than 1000 different lighting products being sold in over 50 countries and regions throughout the world.

With the introduction of Plusrite Electric's signature brand, Plusrite, electrical wholesalers and lighting specialty companies throughout North America are turning to Plusrite Electric for a unique combination of reliable, low-cost, high-margin lighting products.

Product development is a high priority at Plusrite Electric. While striving to manufacture the best products possible, engineers and technicians are also working to expand the Plusrite product line. New products are continually being added to the lamp catalog.

As Plusrite brand is quickly becoming the brand of choice throughout the world, Plusrite Electric is proud to offer their mission statement to you, the customer: It is our mission to utilize teamwork and innovation to integrate the finest raw materials, global standard production techniques and the highest level of quality throughout our organization in order to provide every customer with the best products and service possible.

WHY? R&D AND



MANUFACTURE

R&D CAPABILITY

R & D team consisting of more than 80 professional engineers and doctors in electronics and electricity.

A product R&D center of 1600m² with advanced professional testing instruments and experimental equipment.

Obtaining more than 30 software patents, utility model patents and appearance patents.

Focusing on cutting-edge technologies such as lithium battery BMS, power conversion, solar power generation and human-computer interaction.

Strong product realization capability to meet all the global customers' demands of OEM/ODM orders.

MANUFACTURE CAPACITY

The factory has passed ISO9001, the international BSCI business social responsibility certification.

Owning SMT placement workshop, mold division, injection molding division, sheet metal stamping division, spraying and silk-screening workshop, etc.

Achieving more than 75% of product self-production rate.

With a 24,000 m² high standard production base, the annual production capacity can reach 500,000 units/set.

QUALITY CONTROL

The products have passed UL, PSE, QI, ROHS, WEEE, TUV-CE, KC, MSDS, UN38.3 and other multinational authoritative quality and safety certifications.

Strictly standardized quality inspection process: incoming inspection, assembly inspection, process inspection, semi-finished product inspection, aging test, finished product inspection, packaging inspection, shipping inspection, etc. Finished product inspection, packaging inspection, shipping inspection.

With more than twenty years of experience in international trading, we have the ultimate pursuit of quality control, and have been approved by major supermarkets and brands worldwide for factory inspection.



NCM BATTERY or LIFEPO₄ BATTERY

What' s the difference?

Advantages of NCM batteries

High energy density:

NCM batteries can release more power in the smallest volume, i.e. at the same power, NCM batteries are smaller. It is suitable for energy storage scenarios with limited space or the pursuit of compactness and lightness.

High battery voltage:

With the same volume and weight, the NCM battery has a longer endurance.

Long cycle life:

The cycle times of charge and discharge can reach about 600-800 times

Environmentally friendly and recyclable:

The recycling efficiency of NCM can reach more than 95%.

Advantages of LiFePO₄ batteries

Long cycle life.

Battery composition is relatively stable.

Fully charged and discharged cycles up to 3500 times before decaying to 80% of the original.

No memory effect:

LiFePO₄ battery does not require frequent deep charging and discharging cycles, no matter what state the battery is in can be used as it is charged.

Safety and stability.



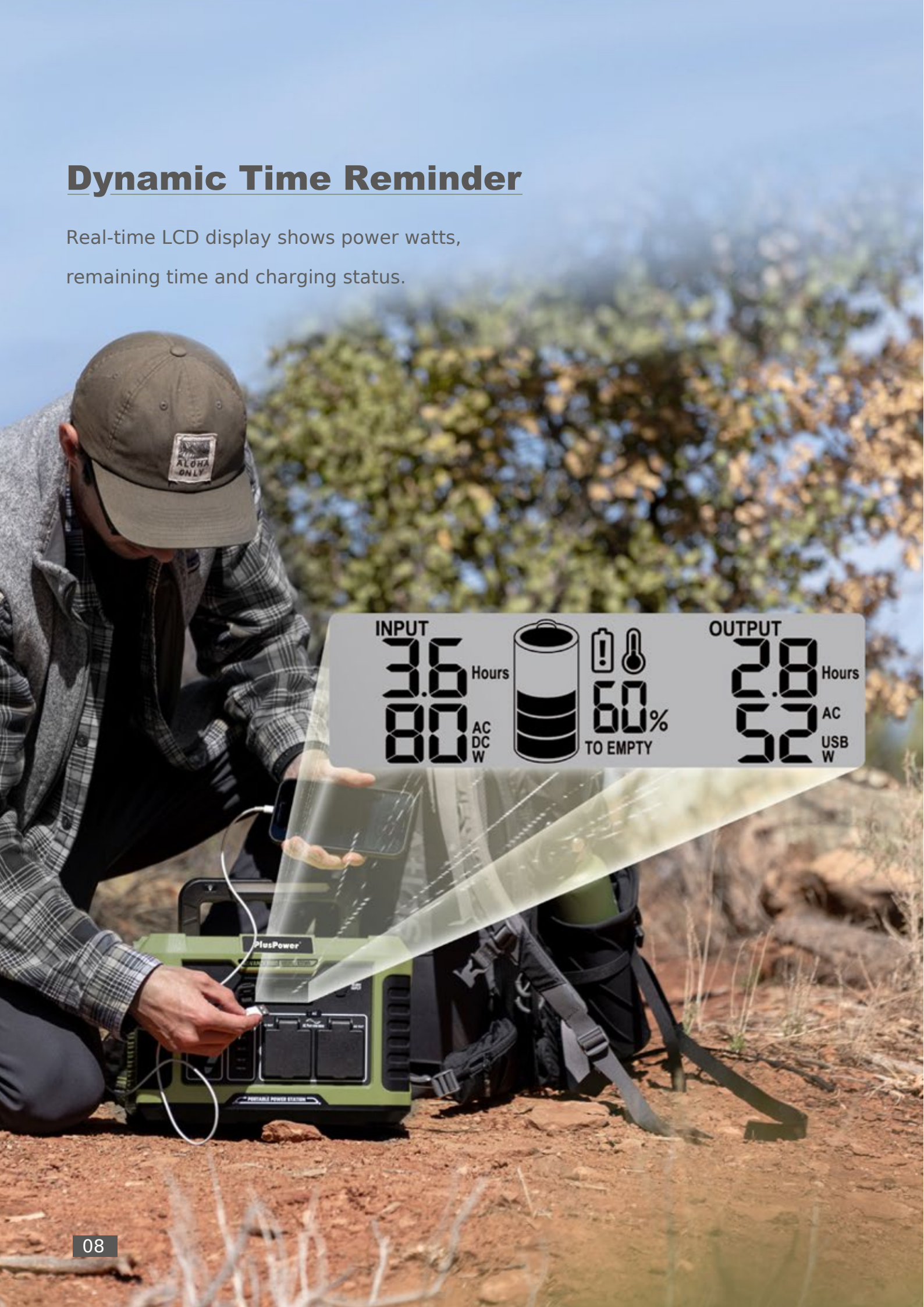
ADVANCE / PIONEER

OUTDOOR LIFE

Portable power supply realizes the free movement of power;
Effectively alleviate the anxiety of outdoor electricity consumption;
Enjoy high quality outdoor electricity life.

Dynamic Time Reminder

Real-time LCD display shows power watts,
remaining time and charging status.



QUALITY HIDES IN DETAILS

DIFFERENT SIZES, SAME FUNCTIONS

ECO

Self-start ECO energy-saving mode at power-on. Power on state without load will enter automatic sleep mode, and after a period of time the power will automatically shut down.



Seven Protections

- Overcharging Protection
- Short Circuit Protection
- Over Current Protection
- Temperature Control Low/High
- Low Battery Alarm
- Overload Protection
- Voltage Contro Over/Under Voltage

Adjustable Handle





ADVANCE SERIES

NCM Battery

Suitable for outdoor activities, camping and self-driving, family disaster preparedness and other use scenarios



ADVANCE300B

Capacity: 231Wh
Rated Power: 300W
Peak Power: 600W
Size: L19.2 x W14.2 x H14.8cm
Net Weight: 2.76kg



ADVANCE500

Capacity: 400Wh
Rated Power: 500W
Peak Power: 1000W
Size: L23 x W16.8 x H17.8cm
Net Weight: 4.27kg



ADVANCE1000

Capacity: 933Wh
Rated Power: 1000W
Peak Power: 2000W
Size: L29 x W20.1 x H20cm
Net Weight: 8.34kg



ADVANCE1500

Capacity: 1328Wh
Rated Power: 1500W
Peak Power: 3000W
Size: L35 x W26.5 x H24cm
Net Weight: 13.37kg



PIONEER SERIES

LiFePO₄ Battery

Suitable for general outdoor activities, camping self-driving and other use scenarios



PIONEER300LFP

Capacity: 154 Wh
Rated Power: 300W
Peak Power: 400W
Size: L19.2 x W14.2 x H14.8cm
Net Weight: 2.76kg



PIONEER500LFP

Capacity: 231Wh
Rated Power: 500W
Peak Power: 1000W
Size: L23 x W16.8 x H17.8cm
Net Weight: 4.27kg



PIONEER1000LFP

Capacity: 538Wh
Rated Power: 1000W
Peak Power: 2000W
Size: L29 x W20.1 x H20cm
Net Weight: 8.34kg



MASTER

ALL-SCENE APPLICATION

It can provide integrated solutions for outdoor fields such as camping, RV traveling, and outdoor work scenarios like home energy storage, emergency power supply, and tool work.

Inverter Parallel Management System

Expansion of the parallel box to allow parallel connection of the same power supply.

Achieving 2200Wx2 up to

4400w

Double power and high capacity expansion.

High compatibility to support 99% of the world's household appliances Easily meet the power scenarios of kitchen, air conditioner, power tools, etc.



A NEW BREAKTHROUGH IN TECHNOLOGY AND PERFORMANCE

Bi-directional Inverter Fast Charging Technology

Master Power upgrades bi-directional inverter technology.

It can be charged directly from the mains without a charging adapter, and the charging speed is greatly improved.



The power supply can be quickly charged to **80%** of its capacity within **1.5** hours

Uninterruptible Power Supply Safety Management System

Designed to ensure the safety of your home and family during a power outage.

☐ Mains Power

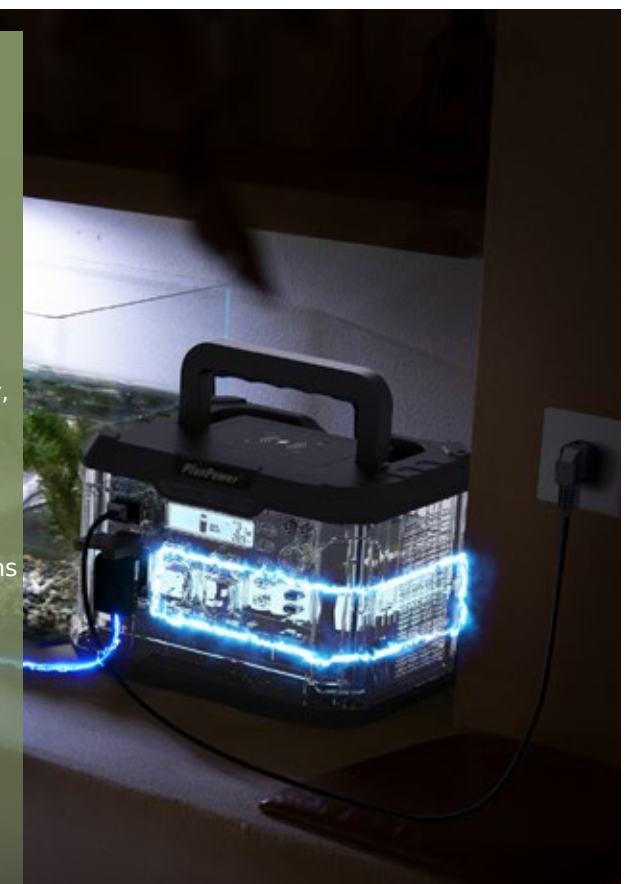
Electronic devices gain power from the mains power directly, MASTER series' stored power maintains sufficient.

Power Outage

MASTER SERIES automatically switch charging from mains power to its stored power within 10 milliseconds.

It provides multiple power safety protections for special scenarios such as home backup, medical assistance, office support, disaster relief etc.

*Only equipped on Models larger than 1000W.





MASTER SERIES

NCM Battery

Suitable for RV electricity, outdoor party electricity, outdoor tools electricity, disaster prevention and emergency scenarios



Master 600

Capacity: 346Wh
Rated Power: 600W
Peak Power: 1200W
Size: L23 x W16.8 x H17.8cm
Net Weight: 5.4kg



Master 1000

Capacity: 933Wh
Rated Power: 1000W
Peak Power: 2000W
Size: L29 x W20.1 x H20cm
Net Weight: 8.3kg



Master 1800

Capacity: 1466Wh
Rated Power: 1800W
Peak Power: 3600W
Size: L35 x W26.5 x H24cm
Net Weight: 14.1kg



Master 2200

Capacity: 1944Wh
Rated Power: 2200W
Peak Power: 4400W
Size: L35 x W26.5 x H24cm
Net Weight: 15kg



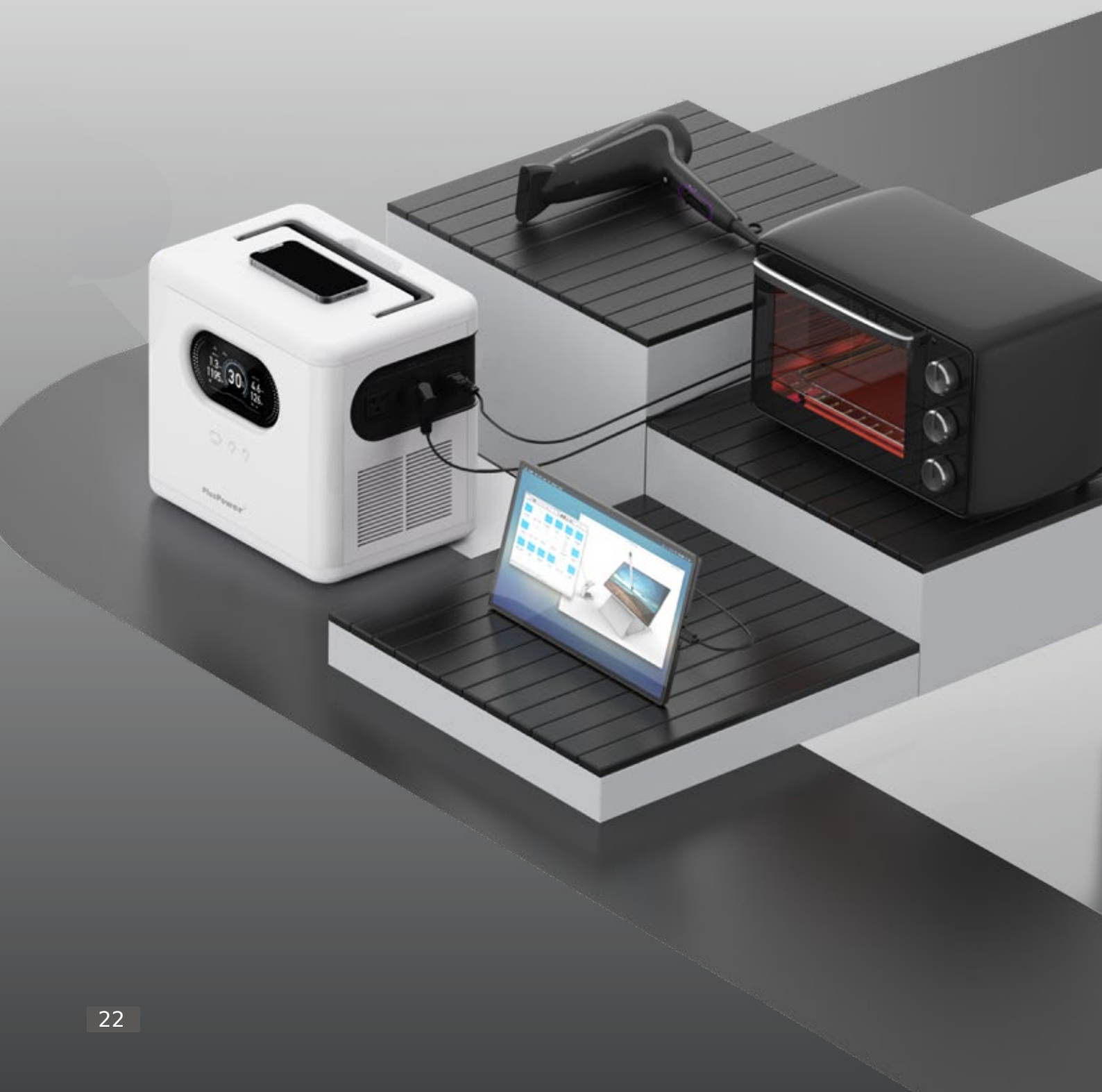
INFINITY

CREATIVE DESIGN

The first interchangeable function module,
accessories can be removed to adapt to different use scenarios

New Inverter Technology

Upgraded inverter technology (Power Max).
Supports power supply for appliances with 1-3 times greater than the rated power of the energy storage power without power failure due to overload protection.



ONE POWER STATION WITH MULTIPLE USES COMBINING INNOVATION AND FUNCTIONALITY



INFINITY600
600W/307WH

INFINITY1200
1200W/1056WH

INFINITY1800
1800W/1344WH

- ⇔ Two-way inverter
- ⚡ 1.5 hours to charge to 80% power
- ☂ Multi-function design
- ⚡ LiFePO₄ battery cell





Hamburg

HOME BACKUP

Stacked design new energy storage all-in-one system

Flexible combination of battery capacity

Meet the needs of different loads of household electricity

Self-generation while the surplus power can participate in power shift and filling Enjoy all-weather power coverage in emergency situations

Build Your Own Solar System

A solar system can make an off-grid power supply possible, combined with the solar panels on the roof.

In the event of an unexpected power outage, running the house with power from the system is possible for 1-2 days.

A high rate of self-generation and self-use of electricity can protect home equipment from sudden power outages.

Modular design, flexible to expand the system capacity.

Convenient configuration, easily placed in the parking space, supplies power to the tram at any time, which is cost-effective.



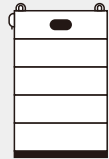
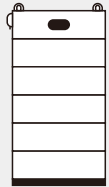
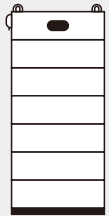
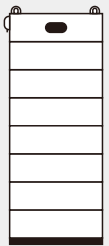
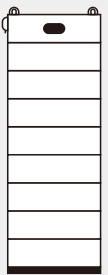
QUICK DIY INSTALLATION WITHOUT CABLES

Hamburg

Stackable per 2.5kWh, 4 ~ 8 packs, 10kWh ~ 20kWh
CAN and RS485 protocols available for hybrid and off-grid inverters.

- LiFePO₄ battery
- 6000+ life cycle battery
- IP65 waterproof
- Active fireproof design
- Suitable for home and commercial use



Modular	4+2	5+2	6+2	7+2	8+2
					
Model	Hamburg 25-10K	Hamburg 25-12.5K	Hamburg 25-15K	Hamburg 25-17.5K	Hamburg 25-20K
Rated Power	192V	240V	288V	336V	384V
Connection	1P60S	1P75S	1P90S	1P105S	1P120S
Capacity	9.984kWh	12.48kWh	14.976kWh	17.472kWh	19.968kWh
Weight	105kg	129kg	152.3kg	175.5kg	199.5kg
Size	220x606x900mm	220x606x1070mm	220x606x1240mm	220x606x1410mm	220x606x1580mm



POWER BANK WITH SOLAR PANEL

Small size but high efficiency, using solar power storage which providing a continuous charging solution for outdoor life anywhere, anytime

Two Charging Modes

Built-in foldable solar charging board with sunlight automatic charging.

Charging faster all the time with cable charging working together.



SOLAR CHARGING

BREAKING THE LIMITS OF TRADITIONAL CHARGING

ADVANCE 75

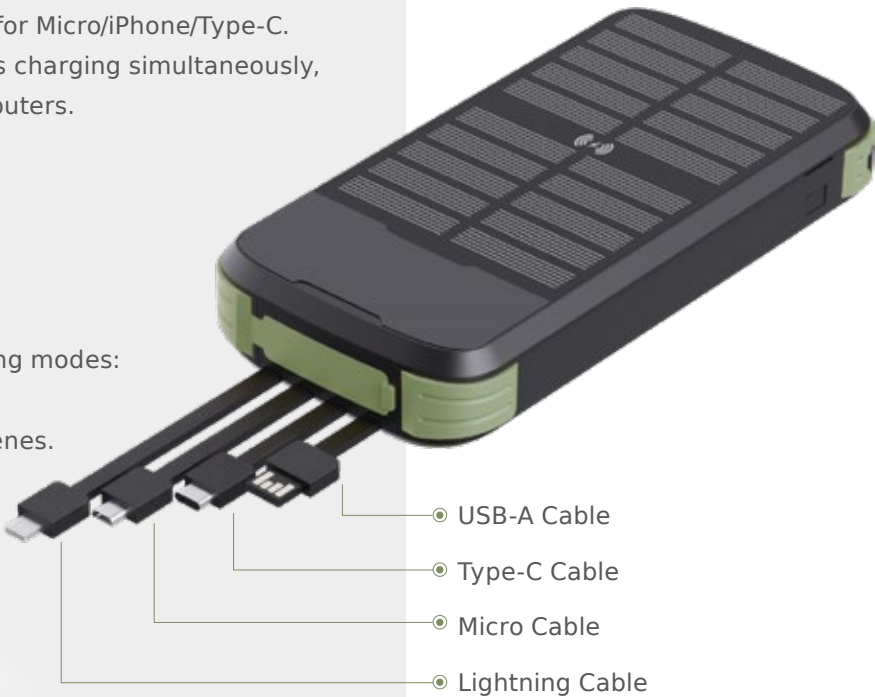
4-wire Interface

Equipped with three universal ports for Micro/iPhone/Type-C. Meet the needs of five digital devices charging simultaneously, such as cell phones, tablets, or computers.



Multiple LED Modes

Built-in LED flashlight with four lighting modes: Strong Light, Soft Light, SOS, and Flashing, suitable for various scenes.



Product	Power Bank with Solar Panel
Capacity	20000mAh/74Wh
Solar Charging Power	7W(5.5V/1.3A)
Type-C Port	5V 2.4A/9V 2.2A/12V 1.6A
USB-A Port	1x 5V 3A/9V 2.1A/12V 1.5A
Micro Cable	1x5V 2.1A
Lighting Cable	1x5V 2.1A
Type-C Cable	1x5V 2.1A
Wireless Charging	1x10W
LED	6W MAX
Folded Size	L17.2 x W8.8 x H4.3cm
Full Size	L36.2 x W17.3x H3.2cm
Net Weight	0.63kg



Exclusive Appearance Customization

From creative design to product implementation, create customized products just for you





PORTABLE SOLAR PANEL

Stacked design new energy storage all-in-one system

Flexible combination of battery capacity

Meet the needs of different loads of household electricity

Self-generation while the surplus power can participate in power shift and filling Enjoy all-weather power coverage in emergency situations

23% High performance monocrystalline silicon
High Performance Monocrystalline Silicon

95% High heat resistance with ETFE material
Light Transmission Performance

IP65 Corrosion and high temperature resistance, suitable for outdoor travel
Waterproof Performance



PORTABLE SOLAR PANEL

Digital Product Direct Charging USB-A, Type-C fast charging port

Stable output DC power, directly charge digital devices to achieve the most efficient light energy use



Wide Compatibility

One to four adapter port for most brands of lithium storage power

DC 7909 port

Suitable for ADVANCE series energy storage products up to 1000W

Anderson Port

Directly connects to ADVANCE series energy storage products of 1000W or more

DC Conversion Cable

Cable included in the package, providing four connections to accommodate various outdoor power input ports





PIONEER Portable Solar Panel

Sewing bag folding, traditional style, lighter weight, small size, easy to carry



SSP20-60S

Rated Power	60W
Folding Type	Folding buckle
DC Outlet	18V/3.34A
USB-A Port	QC3.0 24W
USB-C Port	PD 45W
Folded Size	368x366x55mm
Unfolded Size	1220x366x25mm
Net Weight	2.65kg



SSP30-120S

Rated Power	120W
Folding Type	Folding buckle
DC Outlet	18V/6.67A
USB-A Port	QC3.0 24W
USB-C Port	PD 45W
Folded Size	520x380x55mm
Unfolded Size	1615x520x25mm
Net Weight	4.6kg



SSP50-200S

Rated Power	200W
Folding Type	Folding buckle
DC Outlet	18V/11.12A
USB-A Port	QC3.0 24W
USB-C Port	PD 45W
Folded Size	600x535x60mm
Unfolded Size	2410x535x25mm
Net Weight	7.3kg



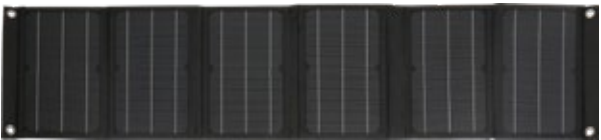
PIONEER Portable Solar Panel

Small and lightweight, one-hand carrying, high-temp and corrosion resistance, with high efficiency photoelectric conversion efficiency



SSP7-30S

Rated Power	30W
Folding Type	Folding buckle
USB-A Port	15W
USB-C Port	PD 18W
Folded Size	210x200x70mm
Unfolded Size	1285x208x25mm
Net Weight	1.37kg



SSP7-42S

Rated Power	42W
Folding Type	Folding buckle
USB-A Port	15W
USB-C Port	PD 18W
Folded Size	290x200x70mm
Unfolded Size	1270x290x25mm
Net Weight	1.7kg



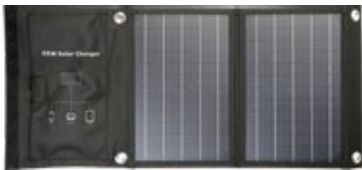
SSP10-60S

Rated Power	60W
Folding Type	Folding buckle
USB-A Port	15W
USB-C Port	PD 18W
Folded Size	350x200x70mm
Unfolded Size	1270x350x25mm
Net Weight	2.21kg



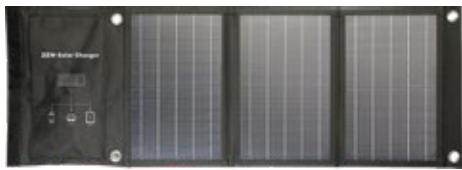
PIONEER Portable Solar Panel

Sewing bag folding, traditional style, lighter weight, smaller, easy to carry.



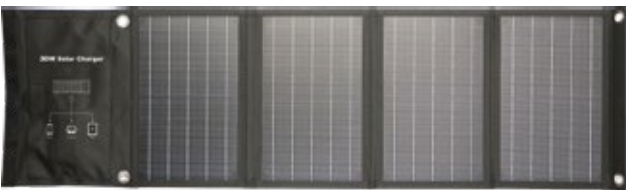
SSP7-15

Rated Power	15W
Folding Type	Folding buckle
USB-A Port	15W
USB-C Port	15W
Folded Size	285x195x30mm
Unfolded Size	615x285x25mm
Net Weight	0.61kg



SSP7-22

Rated Power	22W
Folding Type	Folding buckle
USB-A Port	15W
USB-C Port	PD 18W
Folded Size	285x195x35mm
Unfolded Size	810x285x25mm
Net Weight	0.75kg



SSP7-30

Rated Power	30W
Folding Type	Folding buckle
USB-A Port	15W
USB-C Port	PD 18W
Folded Size	285x195x50mm
Unfolded Size	1015x285x25mm
Net Weight	1.1kg



ADVANCE Portable Solar Panel

Magnetic two-fold design, beautiful, easy to use, slightly larger surface.



SSP30-60M

Rated Power	60W
Folding Type	Magnet
DC Outlet	18V/3.34A
USB-A Port	QC3.0 24W
USB-C Port	PD 45W
Folded Size	520x425x40mm
Unfolded size	848x520x25mm
Net Weight	3.45kg



SSP50-100M

Rated Power	100W
Folding Type	Magnet
DC Outlet	18V/5.5A
USB-A Port	QC3.0 24W
USB-C Port	PD 45W
Folded Size	540x605x40mm
Unfolded size	1220x540x25mm
Net Weight	4.6kg



SSP50-200M

Rated Power	200W
Folding Type	Magnet
DC Outlet	18V/11.12A
USB-A Port	QC3.0 24W
USB-C Port	PD 45W
Folded Size	540x605x60mm
Unfolded size	2290x605x25mm
Net Weight	6.9kg



STRONGER LIGHT GATHERING HIGHER POWER GENERATE

Double-sided Light Absorption, Efficient Conversion

Double-sided absorption of solar panel light increases power generation by 25%.

The output power is higher in conditions of high ambient light reflectivity.

100W^{FRONT} 75W^{BACK}

Adopting a durable and thinner tempered glass design on both sides

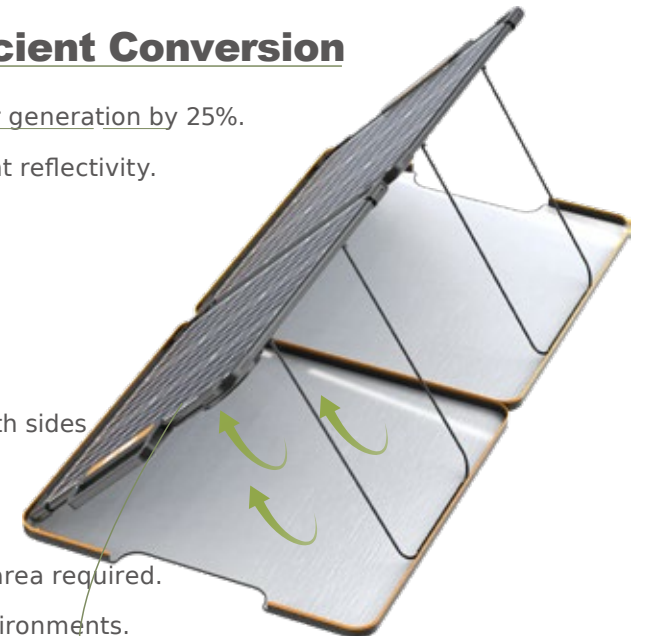
Compared to traditional tempered glass solar panels

Five times stronger, half the thickness.

Absorbs the same amount of light energy with less surface area required.

IP68 waterproof and dustproof, working in various harsh environments.

(Not waterproof at the cable box)



Stretchable storage cord design for user convenience.

Can be used with USD box to charge cell phones pads and other electronic devices.



Sturdy aluminum alloy bracket
Flexible angle adjustment
ensure the best lighting angle.
Folding portable design,
can be used with TOGOPOWER
outdoor power station.
Meet more outdoor power needs.

SSP-100FGA

Rated Power	100W
DC Outlet	5.56A
USB-A Port	QC3.0 24W
USB-C Port	PD 45W
Folded Size	635x580x45mm
Unfolded Size	1270x580x25mm
Net Weight	8.5kg