

S03-N300W
S03PLUS-N600W
S03PRO-N600W
SP-UPP-600W
UPP-1200W
UPP-1800W
UPP-2400W
S2-2500W
S3-3600W
S5N-4000W
S5-5000W



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Shenzhen Kerui Power Storage Co., LTD
(A wholly-owned subsidiary company of Shenzhen Wei Peng Shiji Technology Co., Ltd)

OEM|ODM Manufacturer of
PORTABLE POWER STATION

-a OEM manufacturer of Power supply, Power station since 2008

PRODUCT PORTFOLIO



S03-N-300W



S03PLUS-N-600W
S03PRO-N-600W



S3



S5-BAT



SP-UPP-600



UPP-1200



S2



Home Battery Storage
(5Kwh Battery)



UPP-1800



UPP-2400



S2-BAT



S5N



S5



PV-100/220



CB1200/1800/T2400





INTEGRITY-BASED

QUALITY PRIORITY

CUSTOMER FIRST

CONTINUOUS INNOVATION

ABOUT US

The Brand "SOUOP" and Shenzhen Kerui Power Storage Co.,Ltd are wholly-owned by Shenzhen Wei Peng Shiji Technology Co., Ltd. , which has found in 2008, with 12000 square meters plant, 485 skillful staff, 45+ R&D engineers, 5+ lab test engineers, 15+ QC peoples team.

From concept to product innovation, we focus on highest standards of quality assurance and cutomer support, and continues to explore the depth of power supply innovation. Now we offer power station 600W-5000W, solar Panel 100-440W, carry bag, trolley and related accessories . More new products are developing and will be released to market !

In order to get better quality control from design to production, we have built up UL and CE standard test lab, 48 sets computer-controlled aging test systems, 3 PCBA SMT production lines, 5 PCBA DIP production lines, 5 assembling and tests production lines and 1 auto packaging line.We are a ISO 9001:2015 manufacturer approved by the SGS Group.

Let's be your trust partner, and work together for an energy saving green life !

COMPANY HISTORY

2008

Established

2010

Factory IOS approved

2012

Factory expanded to
45,000 square feet

2013

Awarded Shenzhen High-Tech Enterprise

2014

Awarded National
High-Tech Enterprise

2015

Set up UL standard laboratory,
CE standard laboratory

2016

"SOUOP" and Kerui
Power established

2018

Revenue reach 25 Million USD

2019

Portable Power Stations

2022

Factory expanded to
62,000 square feet



FOSHAN PRODUCTION SITES

With the development needs, we decided to build our own Industrial Park in 2022. The new Industrial Park is located in Foshan, covering an area of more than 20000 square meters, which will be full operated in 2024.



QUALITY CONTROL

At our company, quality is always top priority,

Quality could be designed, there is why we put so much emphasis on R&D, and even built up our own test laboratory according to UL and CE Standard. To ensure that our raw materials are as good as demand, we have implemented strict procedures of incoming material.

Independent Research and Development →

Strict Raw Material Control →

Our Own PCBA SMT Workshop ↓



Laborary 1



Laborary 2



Battery testing formation and grading



SMT Workshop



DIP Workshop



Assembly Workshop



AOI Machine



ATE Machine



Aging Machine

- 100% AOI and ATE Test during Assembly
- 100% Aging Test for Finished Product
- 100% ATE Test before Packaging

CUSTOMIZATION

Our custom services start with a consultation with one of our experienced engineers. During this consultation, we'll work with you to identify your specific needs and requirements. From there, we'll develop a customized solution for you.

Customization options including: Battery Capacity, Input/Output Ports, Solar Charging, Exterior Design.

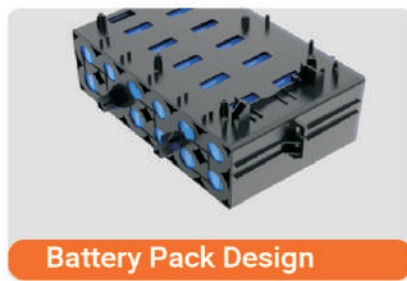


ODM

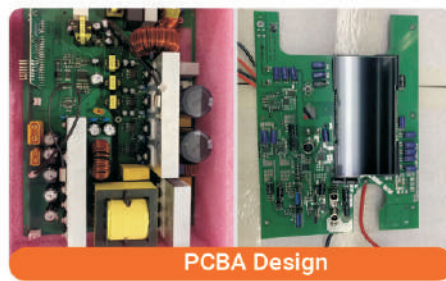
One-Stop Solution



BMS System Design



Battery Pack Design



PCBA Design

TECHNICAL SUPPORT

After-Sales

We understand that purchasing a product is just the first step, and we want to make sure that you continue to receive the support needed after the sale. Our goal is to provide you with the best possible experience, and we are committed to doing everything we can to ensure your satisfaction.



2-3 Years Warranty

All of our portable power stations come with a warranty to give our customers peace of mind. If your product experiences any issues within the warranty period, we will provide replacement parts and guidance for you or even a new product.

Product Training

We offer product training to all our clients. Our goal is to help you maximize the benefits of our products and ensure that you are equipped with the knowledge and skills needed to use them effectively.



S03-N

- 300W AC Pure Sine Wave Inverter (1200W Surge)
- 192Wh Capacity
- LiFePO4 Battery with 3000+ Life Cycles to 80%
- Movable Power Station
- UPS Function
- 3 Ways to Recharge (Wall Outlet/Car Charging/Solar Panel)
- Fast Charging 0-80% in 1.5 hour
- UL/CE/FCC Certification



S03PLUS-N

- 600W AC Pure Sine Wave Inverter (1200W Surge)
- 256Wh Capacity
- LiFePO4 Battery with 3500+ Life Cycles to 80%
- Movable Power Station
- UPS Function
- 3 Ways to Recharge (Wall Outlet/Car Charging/Solar Panel)
- Fast Charging 0-80% in 50 Minutes
- UL/CE/FCC Certification



S03PRO-N

- 600W AC Pure Sine Wave Inverter (1200W Surge)
- 512Wh Capacity
- LiFePO4 Battery with 3500+ Life Cycles to 80%
- Movable Power Station
- UPS Function
- 3 Ways to Recharge (Wall Outlet/Car Charging/Solar Panel)
- Fast Charging 0-80% in 1.5 hour
- UL/CE/FCC Certification



SP-UPP-600

186000mAh 595Wh 600W

600W Portable Power Station is a 595Wh LiFePO4 battery portable power station. Its compact size, multiple charging options, and smart technology make it the ultimate power source for anyone who loves to stay connected and stay powered while on the move.



US

- Output up to 8 devices
- Fast charging from 0-80% in only 3.5 hours
- Safe and Reliable / Plug and Play / Quiet Operation / Long Cycle Life
- Home Backup power
- OEM & ODM Available



EU

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Technical Specification

OUTPUT

AC Output	Rated voltage	100~120Vac/220~240Vac
	Rated power	600W
	Peak power	1000W
	Frequency	50/60Hz
DC 12V Output (cigarette lighter)	Rated voltage	12V
	Rated current	10A
USB-A output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	
USB-C output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max)	
LED Light	7W Three Working Mode	

INPUT

Input voltage	12V~30V
Input power	100W MAX
USB-C Input power	60W MAX

BATTERY

Rated capacity	595Wh
Rated voltage	19.2Vdc
Battery cell type	LiFePO4

GENERAL

Waterproof	IP21
Working temperature	0-40°C
Size	267*197*247mm
Net weight	6.8kg



UPP-1200

310000mAh 992Wh 1200W

1200W Portable Power Station is a 992Wh LiFePO4 portable power station and is a compact, self-contained unit that provides a reliable power source wherever you go. With its lightweight design, you can easily carry it on camping trips, picnics, or even to the beach. It's also a great backup source during power outages or other emergencies.



US

- Output up to 10 devices
- Safe and Reliable / Plug and Play / Quiet Operation / Long Cycle Life
- Home Backup power
- OEM & ODM Available



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Technical Specification		
OUTPUT		
AC Output	Rated voltage	100~120Vac/220~240Vac
	Rated power	1200W
	Peak power	3600W
	Frequency	50/60Hz
DC 12V Output (cigarette lighter)	Rated voltage	12V
	Rated current	10A
USB-A output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	
USB-C output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max)	
USB-C output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	
LED Light	7W Three Working Mode	
INPUT		
Input voltage	12V~30V	
Input power	200W MAX	
BATTERY		
Rated capacity	992Wh	
Rated voltage	32Vdc	
Battery cell type	LiFePO4	
GENERAL		
Waterproof	IP21	
Working temperature	0-40℃	
Size	330*220*289mm	
Net weight	11kg	



UPP-1800

465000mAh

1488Wh

1800W

1800W portable power station, with its impressive 4000W peak power output, can run small refrigerators, electric stoves, heaters, and even power tools. Plus, it's designed to be lightweight and portable, so you can take it with you wherever you go.



- Output up to 10 devices
- Safe and Reliable / Plug and Play / Quiet Operation / Long Cycle Life
- Home Backup power
- OEM & ODM Available



Technical Specification		
OUTPUT		
AC Output	Rated voltage	100~120Vac/220~240Vac
	Rated power	1800W
	Peak power	4000W
	Frequency	50/60Hz
DC 12V Output (cigarette lighter)	Rated voltage	12V
	Rated current	10A
USB-A output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	
USB-C output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max)	
USB-C output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	
LED Light	7W Three Working Mode	
INPUT		
Input voltage	12V~30V	
Input power	2*200W MAX	
BATTERY		
Rated capacity	1488Wh	
Rated voltage	32Vdc	
Battery cell type	LiFePO ₄	
GENERAL		
Waterproof	IP21	
Working temperature	0-40℃	
Size	385*243*340mm	
Net weight	15kg	



UPP-2400

697500mAh 2232Wh 2400W

2400W portable power station, with a massive 2232-watt-hour capacity, this portable power station can easily power all your essential appliances and devices, including refrigerators, power tools, laptops, and even small appliances like blenders and coffee makers.



- Output up to 14 devices
- Safe and Reliable / Plug and Play / Quiet Operation / Long Cycle Life
- Home Backup power
- OEM & ODM Available



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Technical Specification

OUTPUT		
AC Output	Rated voltage	100~120Vac/220~240Vac
	Rated power	2400W
	Peak power	5000W
	Frequency	50/60Hz
DC 12V Output (cigarette lighter)	Rated voltage	12V
	Rated current	10A
USB-A output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	
USB-A output	5V/2A;	
USB-C output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max)	
LED Light	7W Three Working Mode	
INPUT		
Input voltage	12V~45V	
Input power	2*24V/200W; 2*28V/300W; 2*45V/500W	
BATTERY		
Rated capacity	2232Wh	
Rated voltage	48Vdc	
Battery cell type	LiFePO ₄	
GENERAL		
Waterproof	IP21	
Working temperature	0-40℃	
Size	420*270*313mm	
Net weight	20.7kg	



S5 N

1575000mAh 5040Wh 4000W

The 4000W portable power station, equipped with a large battery capacity, high power output, and various outlets to support multiple devices, comes with advanced features, such as fast charging, UPS function, and advanced battery management systems.



US

- Output up to 16 devices
- Fast charging, 5040Wh only takes 2.5 hours to charge fully
- APP remote control
- UPS function
- Connect an extra battery to 10KWh
- Accept OEM and ODM

Technical Specification

OUTPUT

AC Output	Rated voltage	100~120V
	Rated power	4000W
	Peak power	7000W
	Frequency	50/60Hz
DC 12V Output (cigarette lighter)	Rated voltage	12V
	Rated current	10A
USB-A output	5V/3A; 9V/2A; 12V/1.5A; (18W Max); 5V/2A	
USB-C output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A; (PD60W Max)	
Anderson output	12V/30A	

INPUT

AC Charge Input	100~120V a.c	16A Max	2000W Max
PV(Anderson) Input	12~150Vdc MPPT:18V-140V	15A Max	2250 Max

BATTERY

Rated capacity	5040Wh
Rated voltage	48Vdc
Battery cell type	LiFePO ₄

COMMON INFORMATION

Waterproof	IP21
Working temperature	0-40°C
Size	641.5 * 304.5 * 437.5mm
Net weight	50kg



S 5

1575000mAh 5040Wh 5000W

The 5000W portable power station, equipped with a large battery capacity, high power output, and various outlets to support multiple devices, comes with advanced features, such as fast charging, UPS function, and advanced battery management systems.



- Output up to 15 devices
- Fast charging - 2 Hours charge to 5000Wh
- UPS function Available
- APP Remote Control
- Connect Extra Battery to 10KWh
- OEM & ODM Available



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Technical Specification

OUTPUT

AC Output	Rated voltage	220~240V
	Rated power	5000W
	Peak power	7000W
	Frequency	50/60Hz
DC 12V Output (cigarette lighter)	Rated voltage	12V
	Rated current	10A
USB-A output	5V/3A; 9V/2A; 12V/1.5A; (18W Max); 5V/2A	
USB-C output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A; (PD60W Max)	
Anderson output	12V/30A	

INPUT

AC Charge Input	200-240Vac 16A Max 2500W Max
PV(Anderson)Input	12~150Vdc MPPT:18V-140V 15A Max 2250 Max

BATTERY

Rated capacity	5040Wh
Rated voltage	48Vdc
Battery cell type	LiFePO ₄

COMMON INFORMATION

Waterproof	IP21
Working temperature	0-40°C
Size	641.5 * 304.5 * 437.5mm
Net weight	50kg



Multiple Fast Recharging Ways(0-80%)



WALL OUTLET(Max 2500W)

1.5Hours



6*(220W)SOLAR PANEL(Max 2250W)

2Hours



App Remote Control



Expand your power (10.08KW)
with extra battery



Power for Appliances 95%

Microwave (1300W) 3.1 hrs	Tablet PC (30W) 142.8 Charges	Laptop (60W) 71.4 Charges	Light (10W) 428.4 Hrs
Mini Cooler (60W) 85.6 hrs	Electric Frying Pan (1200W) 3.5 Hrs	Washer (500W) 8 Hrs	Hair Dryer (1600W) 2.6 Hrs
TV (110W) 38.9 Hrs	CPAP (40W) 107 Hrs	Coffee Maker (1000W) 4 Hrs	Drone(50W) 71.4 Charges



Seamless UPS Backup





S 3

960000mAh

3072Wh

3600W



Specifications

OUTPUT

AC Output :	100-120V/220-240V,3600W Max
Inverter Type :	Pure Sine Wave
Surge Power :	7000W
USB-C Port :	5V / 3A ; 9V / 3A ; 12V / 3A ; 15V / 3A ; 20V / 5A(100W Max)
USB-A Port :	5V / 3A ; 9V / 2A ; 12V / 1.5A(18W Max); 5V / 2A
DC 12V Output :	12V / 10A
Anderson Output :	12V / 30A

INPUT

AC Input :	2000W Max.(100-120V);2500W Max.(200-240V)
PV Input :	2100W Max

BATTERY INFO

Capacity :	3072Wh(51.2V,60Ah)
Cell Chemistry :	LiFePO ₄
Lifecycle :	3000+ Cycles to 80% Original Capacity

GENERAL

Weight :	43kg
Dimension :	641.5*304.5*437.5mm
Operating Temperature :	0-40°C
Certification :	UL / CE / FCC
Waterproof :	IP21
Warranty :	3 Years

Output up to **15** devices
Fast Recharging-1.5 hours charge to 3072Wh

Seamless UPS Backup



App Remote Control



Multiple Fast Recharging Ways(0-80%)

WALL OUTLET(Max 2000W)
1.2 Hour

6*(220W)SOLAR PANEL(Max 2100W)
1.1 Hour



Expand your power at will
Up to 33792Wh with 15pcs S2-BAT

3072Wh

5120Wh

2048Wh

3072Wh

Power for 95% Appliances

Microwave (1000W) 2.1 ⁺ Hrs	Tablet PC (30W) 87 ⁺ Charges	Laptop (60W) 43.5 ⁺ Charges	Light (10W) 261.1 ⁺ Hrs
Mini Cooler (50W) 52.2 ⁺ Hrs	Electric Frying Pan (1200W) 2.2 ⁺ Hrs	Washer (500W) 6.2 ⁺ Hrs	Hair Dryer (1000W) 1.6 ⁺ Hrs
TV (110W) 23.7 ⁺ Hrs	CPAP (40W) 65.2 ⁺ Hrs	Coffee Maker (1000W) 2.6 ⁺ Hrs	Drones(60Wh) 43.5 ⁺ Charges





S 2

640000mAh

2048Wh

2500W



Specifications

OUTPUT

AC Output :	100-120V/220-240V,2500W Max
Inverter Type :	Pure Sine Wave
Surge Power :	5000W
USB-C Port :	5V / 3A ; 9V / 3A ; 12V / 3A ; 15V / 3A ; 20V / 5A(100W Max)
USB-A Port :	5V / 3A ; 9V / 2A ; 12V / 1.5A(18W Max); 5V / 2A
DC 12V Output :	12V / 10A
Anderson Output :	12V / 30A

INPUT

AC Input :	1600W Max.(100-120V);1600W Max.(200-240V)
PV Input :	2100W Max

BATTERY INFO

Capacity :	2048Wh(51.2V,40Ah)
Cell Chemistry :	LiFePO ₄
Lifecycle :	3000+ Cycles to 80% Original Capacity

GENERAL

Weight :	24kg
Dimension :	460*270*305mm
Operating Temperature :	0-40°C
Certification :	UL / CE / FCC
Waterproof :	IP21
Warranty :	3 Years

Output up to **14** devices
Fast Recharging-1.1 hours charge to 2048Wh
Seamless UPS Backup



2048Wh
Power for
95%
Appliances

Microwave (1500W) 1.3 hrs	Tablet PC (50W) 58 Charges	Laptop (60W) 2.9 Charges	Light (10W) 174 hrs
Mini Cooler (60W) 24.8 hrs	Electric Frying Pan (1200W) 1.5 hrs	Washer (30W) 3.5 hrs	Hair Dryer (1500W) 1.1 hrs
TV (100W) 10 hrs	CPAP (40W) 4.8 hrs	Coffee Maker (1000W) 1.7 hrs	Dress(SM) 29 Charges



Expand your power at will
Up to 32768Wh with 15pcs S2-BAT



Multiple Fast Recharging Ways(0-80%)



S 5-BAT

1575000mAh 5040Wh

High-performance Extra LiFePO4 Battery, this battery gives you an extra boost of power you need to keep your appliances running, designed with lithium-iron-phosphate technology, this battery is highly durable, efficient, and safe. It also boasts a long lifespan of up to 10 years with minimal maintenance required.



Technical Specification

BATTERY

Rated Capacity	5040Wh
Rated Voltage	48Vdc
Battery Cell type	LiFePO4
Life Cycles	>3500 Times

GENERAL

Waterproof	IP21
Working temperature	0-40°C
Size	641.5 * 304.5 * 437.5mm
Net weight	43.8KG

S2-BAT

640000mAh 2048Wh

Specifications

OUTPUT

USB-C Port :	5V / 3A ; 9V / 3A ; 12V / 3A ; 15V / 3A ; 20V / 5A(100W Max)
USB-A Port :	5V / 3A ; 9V / 2A ; 12V / 1.5A(18W Max); 5V / 2A
DC 12V Output :	12V / 10A
Anderson Output :	12V / 30A

BATTERY INFO

Capacity :	2048Wh(51.2V,40Ah)
Cell Chemistry :	LiFePO4
Lifecycle :	3000+ Cycles to 80% Original Capacity

INPUT

PV Input :	12-150Vd.c MPPT:18V-140V 15A Max 2100W Max
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Home Battery Storage (5Kwh Battery)

Developing

Battery Info

Voltage :	48V
Capacity :	5040Wh
Max Capacity :	Up to 75.6Kwh with 15pcs Batteries

PV-100

The SOUOP-100 solar panels can be folded and bundled for easy carrying and use. It can make full use of sunlight and convert sunlight into clean energy.



- Solar Cell: Monocrystalline Silicon
- Easy to transport and set up
- OEM & ODM Available

Technical Specification

Type	Monocrystalline Silicon
Output Power	100W
Cell Efficiency	20~22%
Power Volage	19.8V
Power Current	5A
DC Output	18V/100W
Dimensions	415*370*35mm(folded) / 1670*415*5mm(unfolded)
Net Weight	3.6kg

PV-220

The SOUOP-220 solar panels can be folded and bundled for easy carrying and use. It can make full use of sunlight and convert sunlight into clean energy.



- Solar Cell: Monocrystalline Silicon
- Easy to transport and set up
- OEM & ODM Available

Technical Specification

Type	Monocrystalline Silicon
Output Power	220W
Cell Efficiency	20~22%
Power Volage	19.8V
Power Current	12.1A
DC Output	18V/220W
Dimensions	655*520*35mm(folded) / 2290*655*5mm(unfolded)
Net Weight	8.4kg

CB1200/CB1800

Carrying bags specially designed for SOUOP 600W and 1200W portable power stations.



- Insulation
- OEM & ODM Available
- Water Proof / Padded Lining / Tear Resistant

Travel Carrying Bag and Trolley	
Dimension	390*440*650mm / 420*280*100mm
Net weight	1kg / 1.5kg
Suitable for	600W / 1200W / 1800W Portable Power Station



T2400

This Trolley features go-anywhere wheels and a retractable handle with a quick one-banded button operation on top.



- Smooth and lightweight
- Retractable handle

Travel Carrying Bag and Trolley	
Dimension	575*195*555mm
Net weight	3.9kg
Suitable for	2400W Portable Power Station

