

Fullwatt[®]

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RESIDENTIAL GREEN ENERGY STORAGE SYSTEM PROVIDER

Product Catalog

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Fullwatt®

F-ES301-10 1000W/933Wh

RUNNING TIME

To meet the high-frequency power demand in different scenarios.

OUTDOOR

Party / Road Trips / Camping / Hiking / Fishing



Travel By Car

- ≈ 8 Hours Projector 100W
- ≈ 80 Hours Camping Lamp 10W
- ≈ 80 Hours Speaker Box 10W



Camping Outdoors

- ≈ 0.7 Hours Coffee Machine 1120W
- ≈ 2.4 Hours Electric Cooker 330W
- ≈ 8 Hours Car Electric Cup 100W



Winter Ice Fishing

- ≈ 0.9 Hours Ice Auger 900W
- ≈ 79 Recharges Smart Phone 10Wh
- ≈ 0.9 Hours Teakettle 850W



Aerial Photography

- ≈ 9 Recharges Drone 89.2Wh
- ≈ 48 Recharges Camera 16.4Wh
- ≈ 37 Recharges Stabilizer 21Wh



Emergency Recharge

- Recharge The Car Battery
- ≈ 80 Hours Floodlight 10W
- ≈ 17.6 Hours Fish Tank 45W

* The data were measured by 1000W

Outdoor Energy Storage System

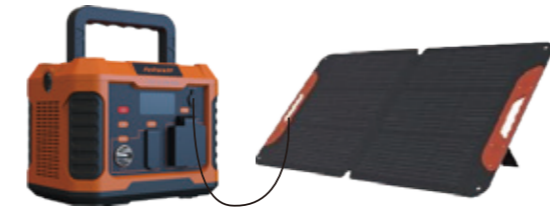
The outdoor powers up paired with a folded PV panel
Effectively relieve outdoor electricity anxiety
Help to enjoy high-quality outdoor electricity life



Outdoor Power
300W
231 Wh

+

Folded PV Panel
100W
2 Folds



Outdoor Power
500W
400 Wh

+

Folded PV Panel
100W
2 Folds

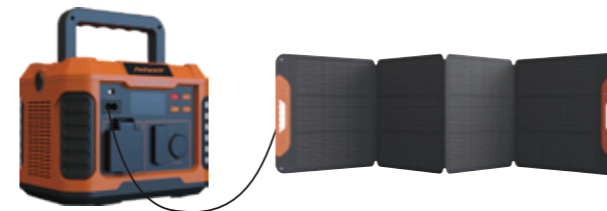
Outdoor Power
1000W
933 Wh

+

Folded PV Panel
200W
4 Folds



 | Fast Charging



Outdoor Power
600W
346 Wh

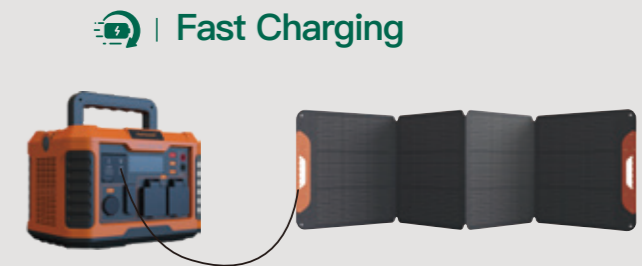
+

Folded PV Panel
200W
4 Folds

Outdoor Power
1000W
933 Wh

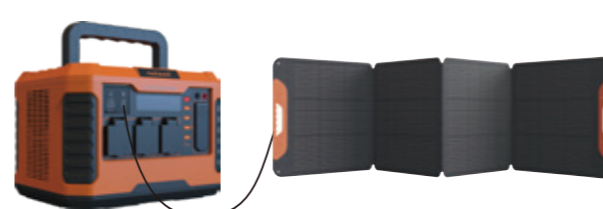
+

Folded PV Panel
200W
4 Folds



 | Fast Charging

 | Fast Charging



Outdoor Power
1800W
1270 Wh

+

Folded PV Panel
200W
4 Folds

Outdoor Power
2200W
1944 Wh

+

Folded PV Panel
200W
4 Folds



 | Fast Charging

Fullwatt®

Slow Charge Series



Dynamic Time Reminder

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



INPUT		OUTPUT
3.6 Hours	60 TO EMPTY	2.8 Hours
80 AC DC W		52 AC USB W

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 Control Over/Under Voltage

Adjustable Handle



Illumination light, long press to start SOS flashing / handle soft reading light.

Product Display

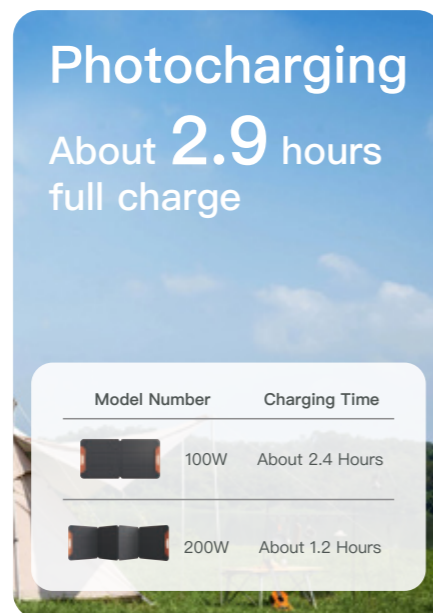
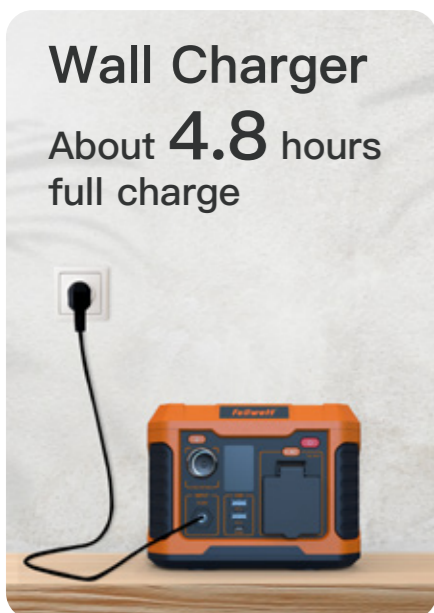


ES302-03 Outdoor Power Station

Specification

Battery Type:	18650 NCM Lithium-ion
Output Power:	300W
Battery Capacity:	231Wh
Input:	DC Input 48W Car Port Input 55W Solar Input 80W
Output:	AC Output 1*AC 300W Surge 600W USB A*2 QC3.0 18W each 36W max USB C*1 PD3.0 60W max Cigarette lighter port*1 12V/10A
Size:	192*142*148mm
Weight:	2.8KG
Package Parameter:	460*233*504mm 4pcs/box 1740 sets/20GP 4800 sets/40HQ

Product Input



Certificate



Product Display



ES302-05 Outdoor Power Station

Specification

Battery Type:	18650 NCM Lithium-ion
Output Power:	500W
Battery Capacity:	400Wh
Input:	DC Input 100W Car Port Input 60W Solar Input 100W
Output:	AC Output 1*AC 500W Surge 1000W USB A*3 QC3.0 18W each 54W max USB C*1 PD3.0 60W max Cigarette lighter port*1 12V/10A
Size:	230*168*178mm
Weight:	4.3KG
Package Parameter:	301*267*525mm 2pcs/box 1160 sets/20GP 3200 sets/40HQ

Product Input

Wall Charger

About **4** hours full charge

Photocharging

About **4** hours full charge

Model Number	Charging Time
100W	About 2.4 Hours
200W	About 1.2 Hours

Car Charger

* About 6.7 hours full charge

Certificate



Product Display

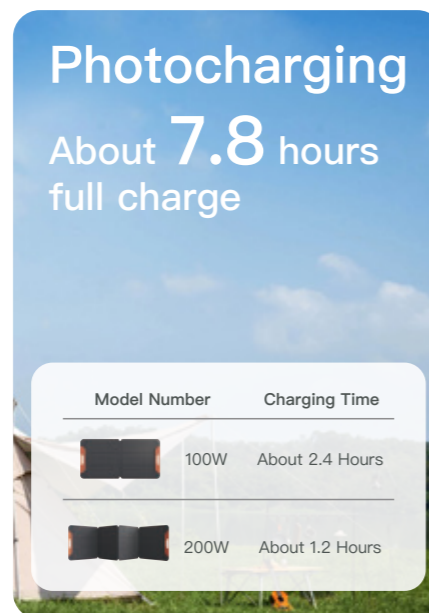
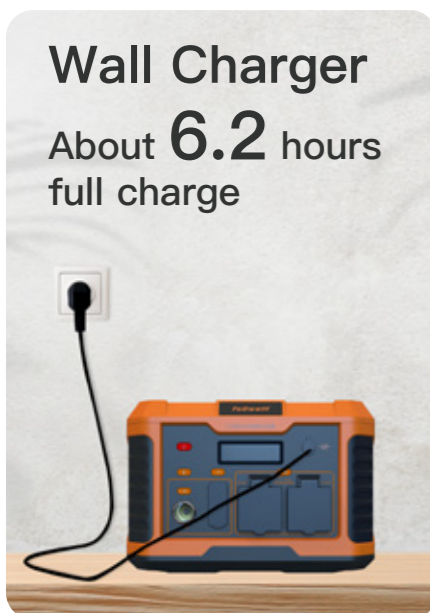


ES302-10 Outdoor Power Station

Specification

Battery Type:	18650 NCM Lithium-ion
Output Power:	1000W
Battery Capacity:	933Wh
Input:	DC Input 150W Car Port Input 60W Solar Input 120W
Output:	AC Output 2*AC 1000W Surge 2000W USB A*3 QC3.0 18W each 54W max USB C*1 PD3.0 60W max Cigarette lighter port*1 12V/10A
Size:	290*201*200mm
Weight:	8.6KG
Package Parameter:	406*316*555mm 2pcs/box 690 sets/20GP 1900 sets/40HQ

Product Input



Certificate



Slow Charging Series



ES302-03



ES302-05



ES302-10

Battery Type	18650 NCM Lithium-ion	18650 NCM Lithium-ion	18650 NCM Lithium-ion
Battery Capacity	231Wh	400Wh	933Wh
DC Input	48W	100W	150W
Solar Input	80W	100W	120W
Car Port Input	55W	60W	60W
AC Output	300W(Surge 600W)	500W(Surge 1000W)	1000W(Surge 2000W)
USB A Output	QC3.0 18W each 36W max	QC3.0 18W each 54W max	QC3.0 18W each 54W max
USB C Output	PD3.0 60W max	PD3.0 60W max	PD3.0 60W max
Cigarette Lighter Port Output	12V/10A	12V/10A	12V/10A
Size	192*142*148mm	230*168*178mm	290*201*200mm
Weight	2.8KG	4.3KG	8.6KG

Fullwatt®

Fast Charging Series



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

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, Stored power maintains sufficient.

☑ Power Outage

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.



Product Display

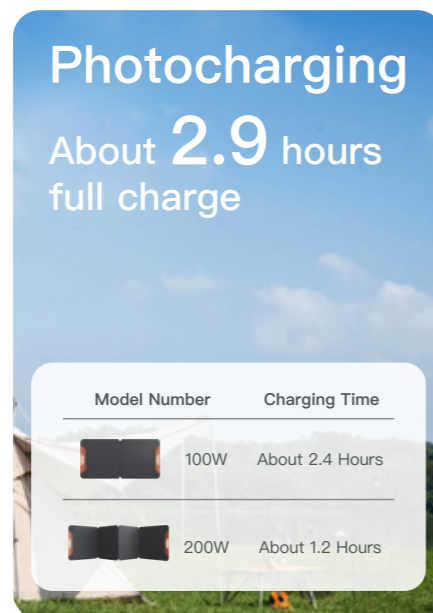
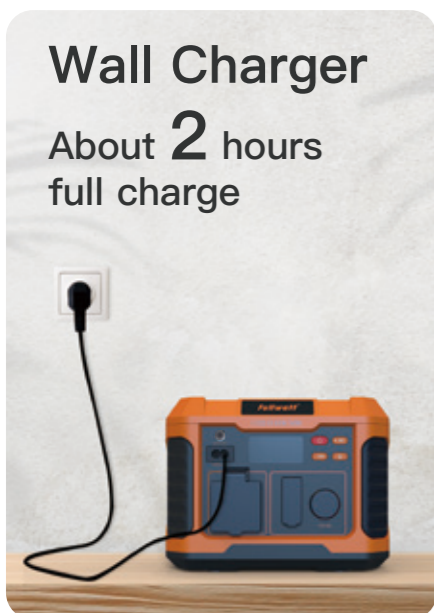


ES301-06 Outdoor Power Station

Specification

Battery Type:	18650 NCM Lithium-ion
Output Power:	600W
Battery Capacity:	346Wh
Input:	AC Input 250W Car Port Input 60W Solar Input 120W
Output:	AC Output 1*AC 600W Surge 1200W USB A*3 QC3.0 18W each 54W max USB C*1 PD3.0 60W max Cigarette lighter port*1 12V/10A
Size:	230*168*178mm
Weight:	4.3KG
Package Parameter:	301*267*525mm 2pcs/box 1160 sets/20GP 3200 sets/40HQ

Product Input



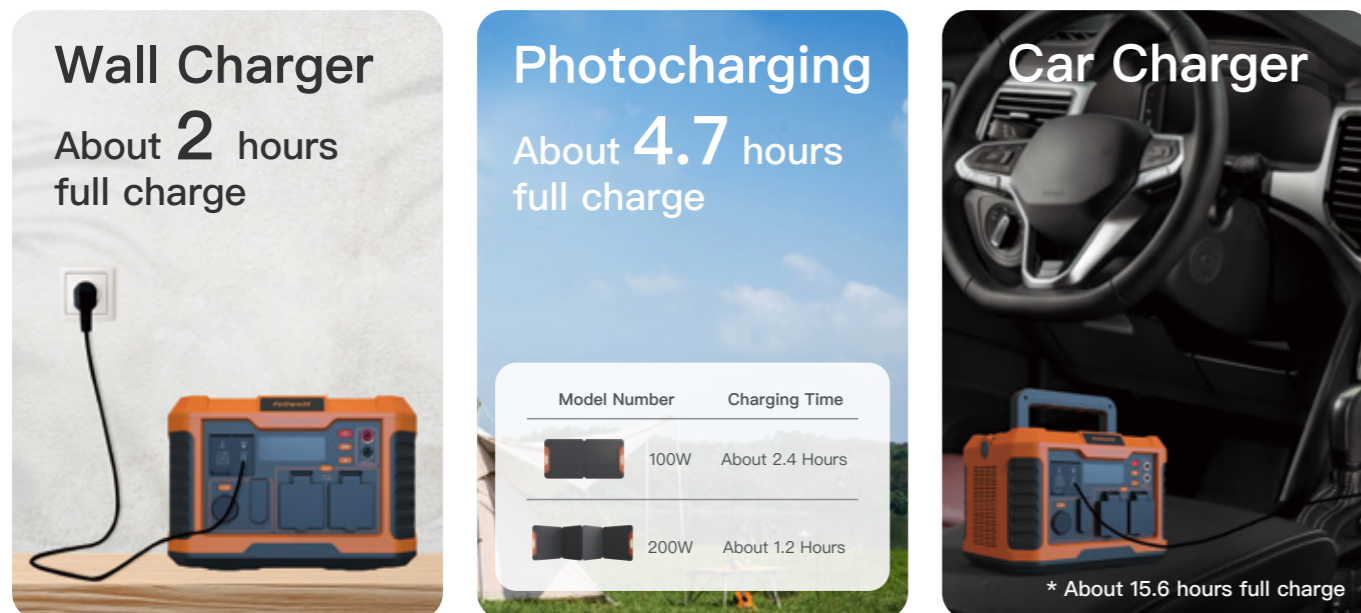
Certificate



Product Display



Product Input



ES301-10 Outdoor Power Station

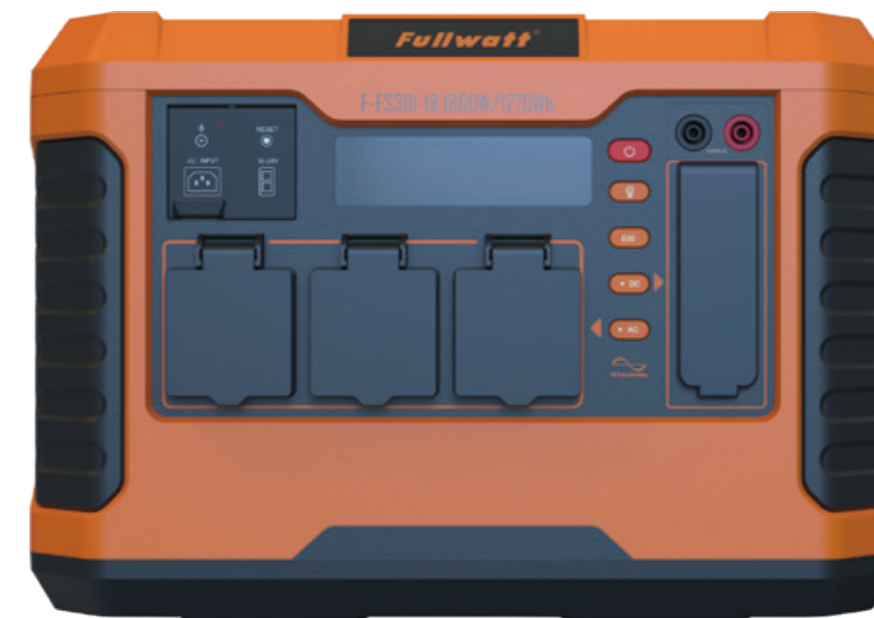
Specification

Battery Type:	18650 NCM Lithium-ion
Output Power:	1000W
Battery Capacity:	933Wh
Input:	AC Input 500W Car Port Input 60W Solar Input 200W
Output:	AC Output 2*AC 1000W Surge 2000W USB A*3 QC3.0 18W each 54W max USB C*1 PD3.0 60W max Cigarette lighter port*1 12V/10A
Size:	290*201*200mm
Weight:	8.6KG
Package Parameter:	406*316*555mm 2pcs/box 690 sets/20GP 1900 sets/40HQ

Certificate



Product Display



ES301-18 Outdoor Power Station

Specification

Battery Type:	18650 NCM Lithium-ion
Output Power:	1800W
Battery Capacity:	1270Wh
Input:	AC Input 800W Car Port Input 80W Solar Input 800W
Output:	AC Output 3*AC 1800W Surge 3600W USB A*2 QC3.0 18W each 36W max USB C*2 PD3.0 60W each 120W max Cigarette lighter port*1 12V/10A DC 5525 Outputs*2
Size:	350*265*240mm
Weight:	14KG
Package Parameter:	377*375*471mm 1pc/box 368 sets/20GP 1050 sets/40HQ

Certificate



Product Input

Wall Charger

About **2** hours full charge

Photocharging

About **1.6** hours full charge

Model Number	Charging Time
100W	About 2.4 Hours
200W	About 1.2 Hours

Car Charger

* About 15.9 hours full charge

Product Display

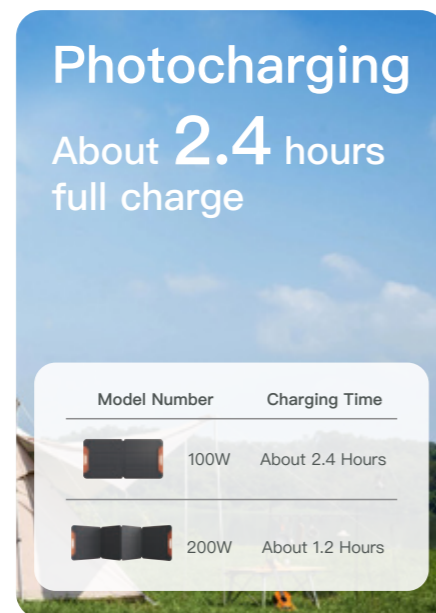
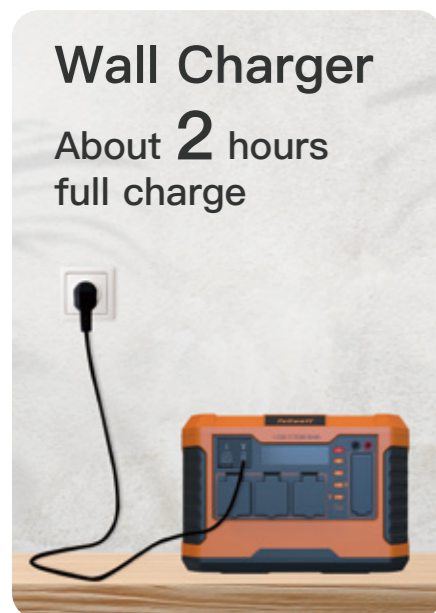


ES301-22 Outdoor Power Station

Specification

Battery Type:	21700 NCM Lithium-ion
Output Power:	2200W
Battery Capacity:	1944Wh
Input:	AC Input 1000W Car Port Input 80W Solar Input 800W
Output:	AC Output 3*AC 2200W Surge 4400W USB A*2 QC3.0 18W each 36W max USB C*2 PD3.0 60W each 120W max Cigarette lighter port*1 12V/10A DC 5525 Outputs*2
Size:	350*265*240mm
Weight:	15.2KG
Package Parameter:	377*375*471mm 1pc/box 368 sets/20GP 1050 sets/40HQ

Product Input



Certificate



Fast Charging Series



ES301-06

ES301-10

ES301-18

ES301-22

Battery Type	18650 NCM Lithium-ion	18650 NCM Lithium-ion	18650 NCM Lithium-ion	21700 NCM Lithium-ion
Battery Capacity	346Wh	944Wh	1270Wh	1944Wh
AC Input	250W	500W	800W	1000W
Solar Input	120W	200W	800W	800W
Car Port Input	60W	60W	80W	80W
AC Output	600W(Surge 1200W)	1000W(Surge 2000W)	1800W(Surge 3600W)	2200W(Surge 4400W)
USB A Output	QC3.0 18W each 54W max	QC3.0 18W each 54W max	QC3.0 18W each 36W max	QC3.0 18W each 36W max
USB C Output	PD3.0 60W max	PD3.0 60W max	PD3.0 60W each 120W max	PD3.0 60W each 120W max
Cigarette Lighter Port Output	12V/10A	12V/10A	12V/10A	12V/10A
Size	230*168*178mm	290*201*200mm	350*265*240mm	350*265*240mm
Weight	4.3KG	8.6KG	14KG	15.2KG



Smart Extra Battery

Expandable battery

5040wh + 5040wh = 10.08KWh



Portable pull rod



Portable pull rod & wheels design
Movable in an energy saving way



Smart HD LCD display

Real-time data at a glance

- Charging power
- Over temperature warning
- Safety warning
- Charging time
- Function status
- Power display
- IOT



LiFePO4 BATTERY

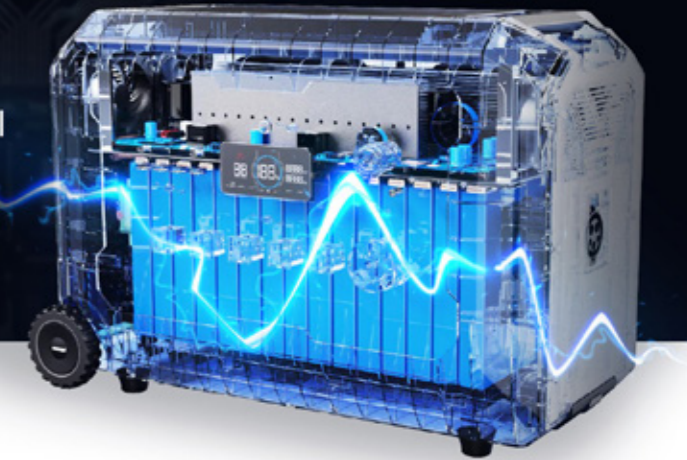
3600+ CYCLES LIFEP04 BATTERY

Safe, Smart, And Continuously Evolving

Intelligent Three-Speed Cooling Fan Control

Battery Pack ABS+PC Fire Rating UL94-V0

All-in-one Backup Power station



Smart Power Management IC

Battery Wake-up Pre-Charge System

- 1.5A Trickle activation charge control

BMS

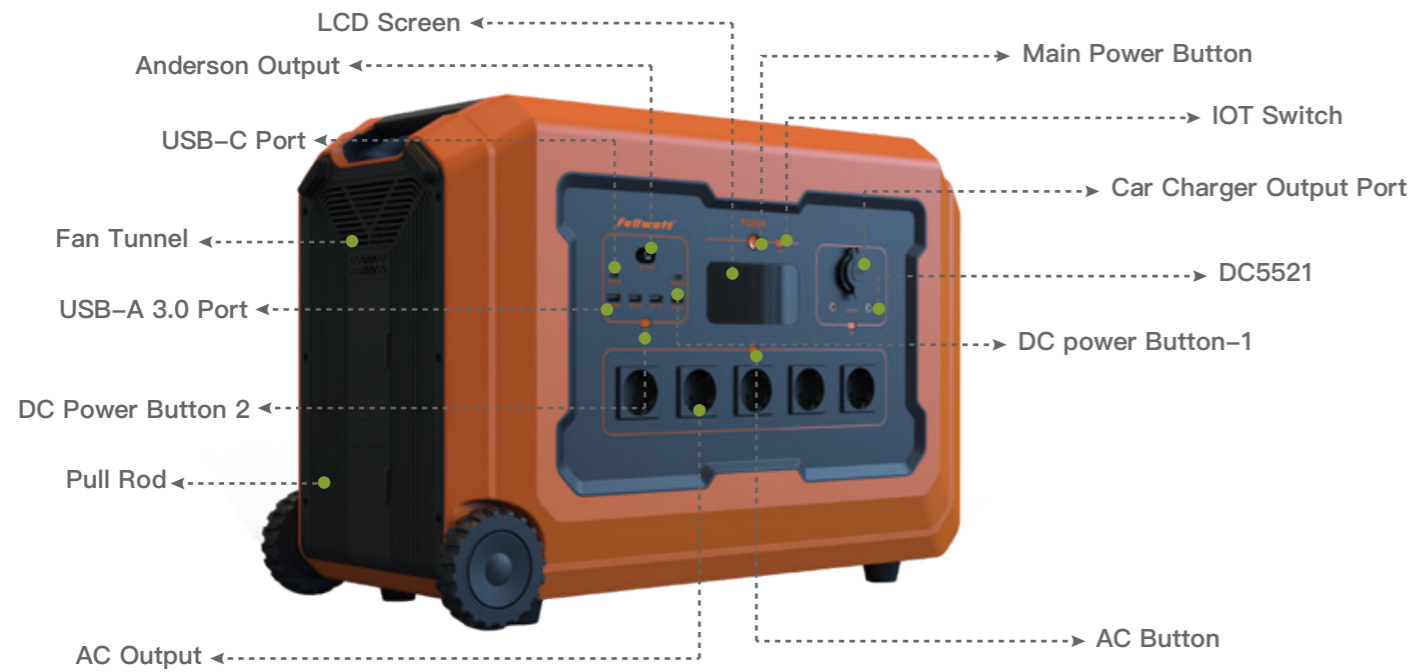
- Over Discharge Protection
- Overload Protection
- Overcharge Protection
- Short Circuit Protection
- Overvoltage Protection
- Over Temperature Protection
- Low Temperature Protection

What can it power

30Wh Tablet PC 160 times	60Wh Drone 79 times	10W Light 498 hours	1200W Electric Frying Pan 3.3 hours	1300W Microwave 3 hours	110W TV 36 hours	1600W Hair Dryer 2.5 hours	500W Washer 8 hours	10W WiFi 398 hours	1000W Coffee Maker 4 hours	40W Ventilator 98 hours	120W Refrigerator 33.3 hours



Product Display



ES401-36 Outdoor Power Station


Specification

Battery Type:	LFP
Output Power:	3600W
Battery Capacity:	3072Wh
Input:	AC Input 2500W Car Port Input 12-15V/8A Solar Input 2100W
Output:	AC Output 6*AC 3600W Surge 7000W USB A*4 18W max USB C*2 PD 100W max
Size:	641.5*304.5*437.5mm
Weight:	NW 37.8KG GW 43KG
Package Parameter:	775*445*550mm 1pc/box 108 sets/20GP 312 sets/40HQ

Product Input



Wall Charger

About **2** hours full charge




Photocharging

About **2** hours full charge

Model Number	Charging Time
 100W	About 2.4 Hours
 200W	About 1.2 Hours

Car Charger

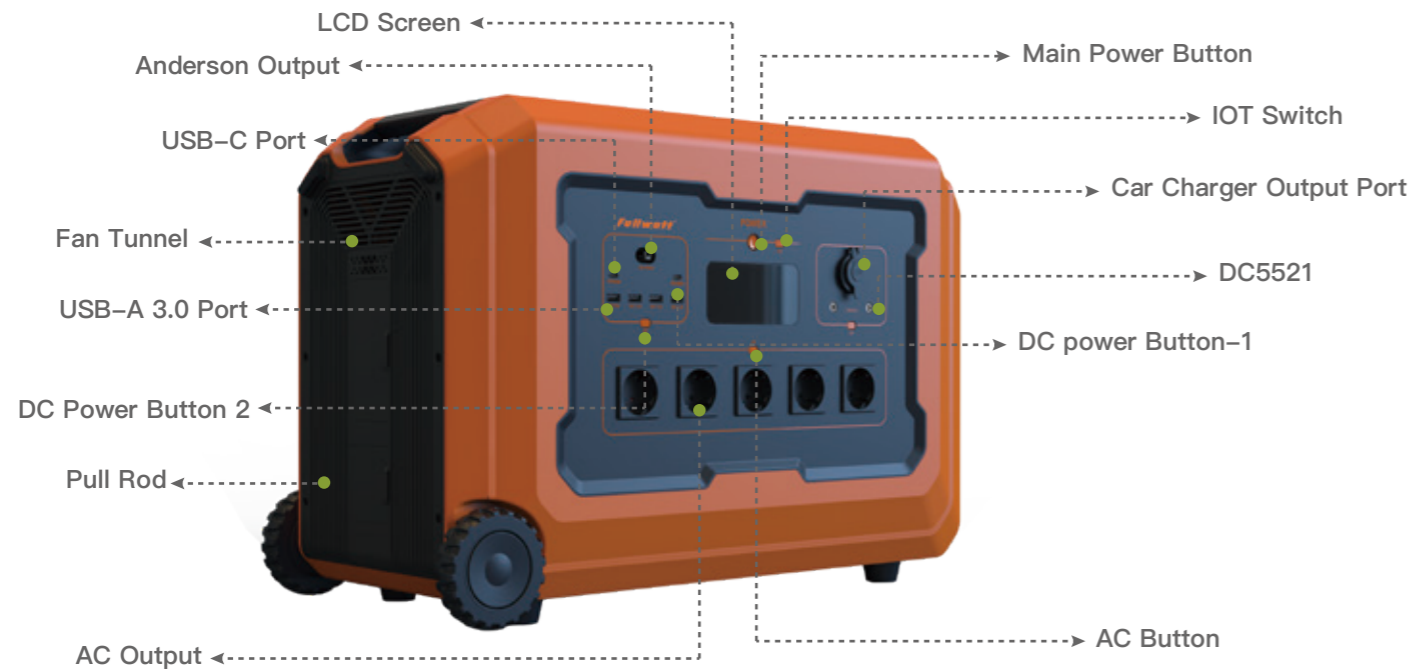


* About 1.5 hours full charge

Certificate



Product Display



ES401-50 Outdoor Power Station

Specification

Battery Type:	LFP
Output Power:	5000W
Battery Capacity:	5040Wh
Input:	AC Input 2500W Car Port Input 12-15V/8A Solar Input 2250W
Output:	AC Output 5*AC 5000W Surge 7000W USB A*4 18W max USB C*2 PD 60W max
Size:	641.5*304.5*437.5mm
Weight:	NW 50KG GW 60KG
Package Parameter:	775*445*550mm 1pc/box 108 sets/20GP 312 sets/40HQ

Product Input

Wall Charger

About **2** hours full charge



Photocharging

About **3** hours full charge

Model Number	Charging Time
100W	About 2.4 Hours
200W	About 1.2 Hours

Car Charger



* About 2.5 hours full charge

Certificate





21% High performance monocrystalline silicon
High Performance Monocrystalline Silicon

95% High heat resistance with ETFE material
Light Transmission Performance

IP68 Corrosion and high temperature resistance, suitable for outdoor travel
Waterproof Performance

PORTABLE SOLAR PANEL



Wide Compatibility

You can choose one from below 6 connectors



DC7909



Anderson-50A



DC5521



DC35135



XT60

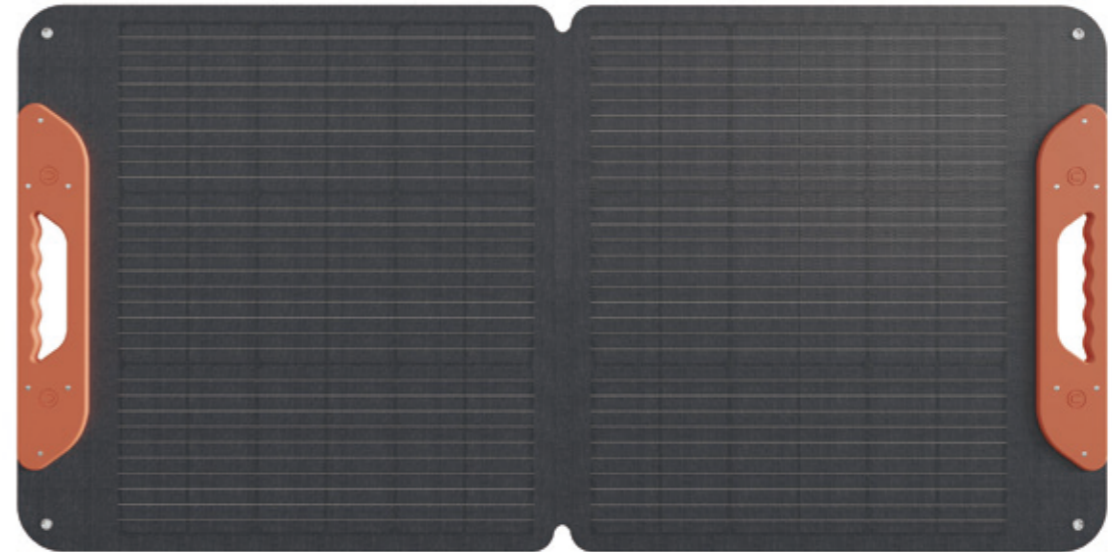


Anderson-30A



SP101-2 Portable Solar Panel

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



SP101-2

Rated Power	100W
No.of Folds	2 Folds
DC Outiet	18.44V/5.42A
Open-Circuit Voltage	21.45V
Short-Circuit Current	5.75A
Unfold Size	1254*516.5*25mm
Folded Size	516.5*607*45mm
Weight	4.77KG
Package Parameter:	700*130*645mm 2pcs/bos 1664sets/40HC

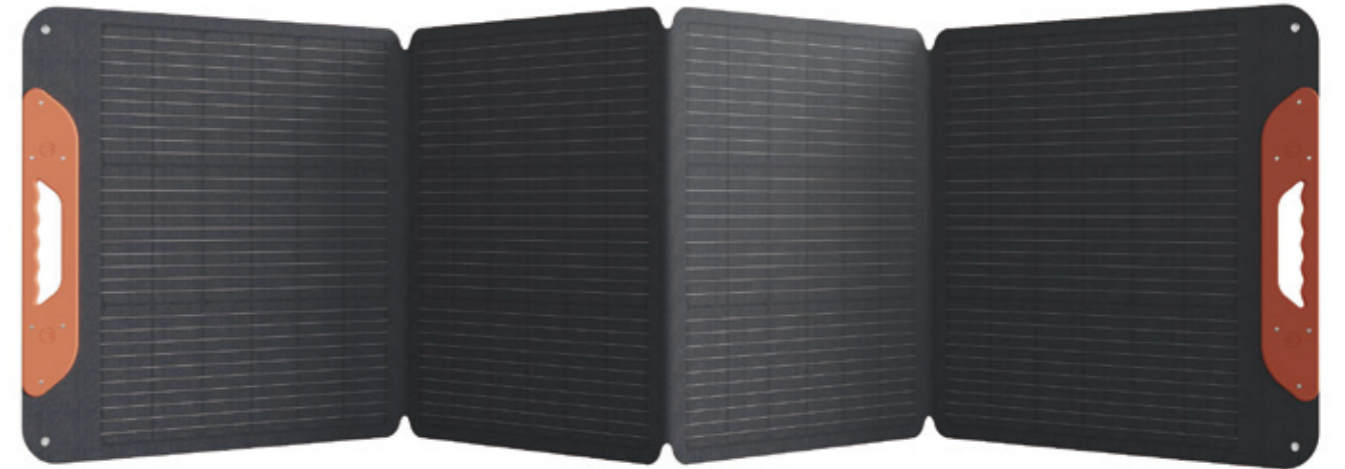
Certificate





SP101-4 Portable Solar Panel

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



SP101-4

Rated Power	200W
No.of Folds	4 Folds
DC Outiet	19.6V/10.21A
Open-Circuit Voltage	22.82V
Short-Circuit Current	10.75A
Unfold Size	2266*537*25mm
Folded Size	537*607*55mm
Weight	8.96KG
Package Parameter:	700*170*645mm 2pcs/bos 1280sets/40HC

Certificate

