



IIT TECHNOLOGY LIMITED

**IIT**

IIT TECHNOLOGY LIMITED

***Energizer***<sup>®</sup>

**POWERWIN**

**INOVIX**

# About Us

## What We Do

IIT Technology committed to selling portable power stations committed to sell and distribute the Energizer brand portable power station since 2019, and has successively launched the Energizer portable power station series.

## Brand Vision

IIT drive at Imagines, Innovates and Touch for technologies. We started from trading, and have been focusing on execute strategic sales and brand development for more than 10 years.

## Our Mission

Green energy is the future. We are also actively exploring the future of energy storage batteries to make everyone go through with new energy solutions.





***Energizer***<sup>®</sup>

**Product Series**

Portable Power Station

# PPS240

## PORTABLE POWER STATION

The lightest Energizer's lithium iron phosphate battery solution.

It is only weight for 2.8kg which is perfect for camping, fishing, picnicking, and any other outdoor activities. With a Leather handling design, It is more compact and easier carrying than other power packs.

It supports multiple devices charging and discharge at the same time, and generates 240Wh capacity and 200 watt rated output power to meet your mobile device needs when outdoor.

Besides, it also supports solar power input. No MPPT needed, generate green and quiet energy for individuals and families.





## 240Wh Capacity

Generates 240Wh capacity, and power up to 200W rated power. Compatible for most of portable devices, such as laptop, portable fan, mini juicer, car mobile refrigerator, etc.



## The Safest Battery Cell

Powered by BMS and the the safest and most durable lithium battery, Lithium Iron Phosphate(LiFePO<sub>4</sub>), it can power at least 2000+ cycles to 80% capacity.



## Lightweight Design

Compact design, perfect for traveling, hiking, camping, picnic and any other outdoor activities. take it anywhere you want to go. power anytime, power anywhere.



## Multiple Charging

9 output ports and sure to meet your needs for charging different devices. Besides, with 4 charging options: Wall outlet, solar panels, car charger, PD100W port. Besides, it allows you charge & recharge at the same time.

## PPS240

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### PD Fast Charging

60W in/output, fast and compatible charge for most of mobile devices

### MPPT Solar Charging

The maximum power point tracking (MPPT) system converts solar power to electricity automatically, and allows you charge and discharge simultaneously.

### Multi-output Design

Fits every port you need, meets the power of majority mobile devices required.

### Advanced BMS

The built-in advanced Battery Management System (BMS) chips, protect your devices and battery from over-temperature and abnormal of electricities.

## General Specs

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Battery Capacity:	240Wh
Output Power:	200W Rated Power
Cell Type:	LiFePO4
Lifecycle:	2000+ to 80% capacity
Material:	ABS+PCB
Operating Temp:	0-60°C
Product Weight:	2.83kg
Package Size:	130×202×230 mm
Certificate:	FCC, CE, RoHS, MSDS
Warrenty:	12-24 Months

# PPS240



## Input Specs

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AC Outlet:	15V, 3A, 45W MAX
Solar Power:	10.8-23.5V, 3A, 70W MAX
Type-C PD:	5-20V, 60W MAX
Car Charging:	15V, 3A, 45W MAX

## Output Specs

---

AC Outlets:	100-120V, 60Hz, 200W MAX
USB-A:	5V = 2.4A, 15W MAX
	5-20V, 18W MAX
USB-C:	5-20V, 60W MAX
DC Output:	12V, 120W MAX TOTAL

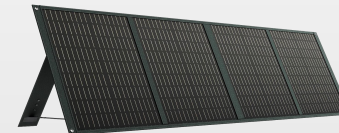
## Packing List

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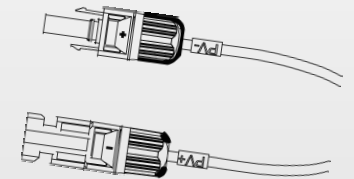
- 1×240Wh Portable power Station
- 1×Power Adapter
- 1×Cigarette Lighter Female Adapter
- 1×Car Charger
- 1×User Manual

## Recommended Accessories

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60-110W  
Foldable Solar Panel



MC4 extension

# PPS240

# PPS320

## PORTABLE POWER STATION

Compatible and functional Energizer's Lithium Iron Phosphate solar system solution.

Energizer PPS320 portable power station use compact and lightweight design, meet your requirement when campervan, fishing and camping. With capacity of 320Wh and built-in 300W (surge 600W) inverter, PPS320 could run most of your outdoor appliances and devices such as mobile phones, mini freezers, radios, projectors, cameras and other devices below 300W.

With 4.1kg and BMS function, it is perfect for emergency power back up for individual and family of a power outage caused by natural hazard.

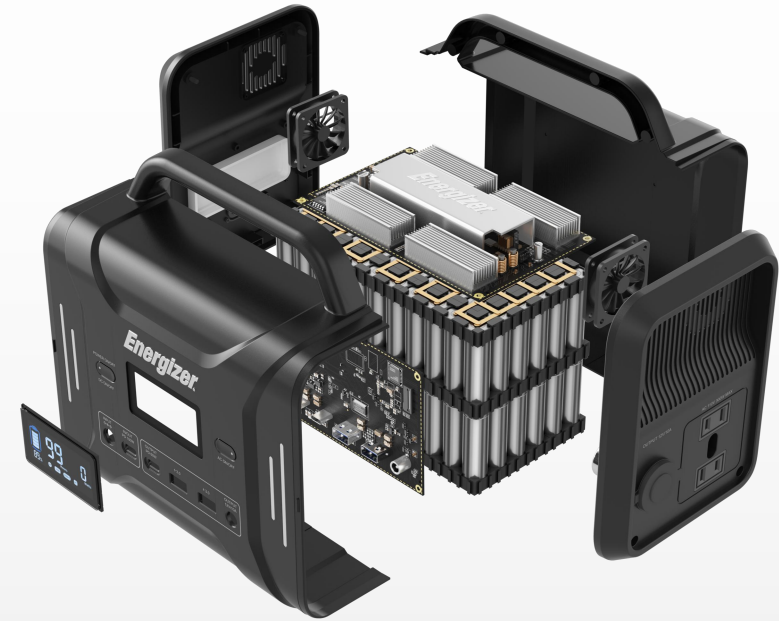
Supports solar power input. No MPPT needed.





## 320Wh Capacity

Generates 320Wh capacity, and power up to 300W rated power. Compatible for most of portable devices, such as laptop, portable fan, mini juicer, car mobile refrigerator, etc.



## The Safest Battery Cell

Powered by BMS and the the safest and most durable lithium battery, Lithium Iron Phosphate(LiFePO<sub>4</sub>), it can power at least 2000+ cycles to 80% capacity.



## PD100W In/Output

8 output ports and sure to meet your needs for charging different devices. PD100W in/output port, fast charge with your devices.



## Lightweight Design

4.1kg + handle design, easy to take anywhere you want to go.

## PPS320

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### PD Fast Charging

100W in/output, fast and compatible charge for most of mobile devices

### MPPT Solar Charging

The maximum power point tracking (MPPT) system converts solar power to electricity automatically, and allows you charge and discharge simultaneously.

### Multi-output Design

Fits every port you need, meets the power of majority mobile devices required.

### Advanced BMS

The built-in advanced Battery Management System (BMS) chips, protect your devices and battery from over-temperature and abnormal of electricities.

## General Specs

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Battery Capacity:	320Wh
Output Power:	300W Rated Power
Cell Type:	LiFePO4
Lifecycle:	2000+ to 80% capacity
Material:	ABS+PCB
Operating Temp:	0-60°C
Product Weight:	4.1kg
Package Size:	230×130×202mm
Certificate:	FCC, CE, RoHS, MSDS
Warrenty:	12-24 Months

# PPS320

## Input Specs

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AC Outlet:	10.8-23.5V, 3A, 70W MAX
Solar Power:	10.8-23.5V, 3A, 70W MAX
Type-C PD:	5-20V, 100W MAX
Car Charging:	10.8-23.5V, 3A, 70W MAX

## Output Specs

---

AC Outlets:	100-120V, 60Hz, 300W MAX
USB-A:	5V = 2.4A, 15W MAX 5-20V, 18W MAX
USB-C:	5-20V, 100W MAX
DC Output:	11.2-14.6V, 10A TOTAL

## Packing List

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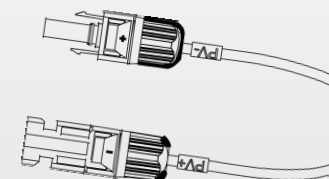
- 1×320Wh Portable power Station
- 1×Power Adapter
- 1×Car Charger
- 1×PD100W Cable
- 1×MC4 Cable
- 1×User Manual

## Recommended Accessories

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70-110W  
Foldable Solar Panel



MC4 extension

# PPS320

# PPS700

## PORTABLE POWER STATION

Compatible, light and functional Energizer's Lithium Ion solar system solution.

Energizer PPS720 portable power station use compact and lightweight design, meet your requirement when campervan, fishing and camping. With capacity of 626Wh and built-in 600W (surge 1000W) inverter, PPS700 could run most of your outdoor appliances and home devices such as laptops, coffee makers, projectors, cameras, TV, and other devices below 600W.

With 5.5kg and BMS function, it is perfect for emergency power back up for individual and family of a power outage caused by natural hazard.

Wide range 12-30V input, supports solar power input. No MPPT needed.





## 626Wh Capacity

Generates 626Wh capacity, and power up to 600W rated power. Compatible for most of portable devices, such as laptops, coffee makers, projectors, cameras, TV, and other devices below 600W.



## BMS + Pure Sine Wave

Powered by BMS intelligent chip, and a 600W pure sine wave inverter, PPS700 is capable and safe enough to take care of your power devices.





## MPPT Controller

Mounted in MPPT controller, can only need a solar panel to charge. Besides, PPS700 allows charge and discharge at the same time.



## Lightweight Design

5.5kg + handle design, easy to take anywhere you want to go.

## PPS700

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### PD Fast Charging

60W in/output, fast and compatible charge for most of mobile devices

### MPPT Solar Charging

The maximum power point tracking (MPPT) system converts solar power to electricity automatically, and allows you charge and discharge simultaneously.

### Multi-output Design

9 output ports fit every port you need, meets the power of majority mobile devices required.

### Advanced BMS

The built-in advanced Battery Management System (BMS) chips, protect your devices and battery from over-temperature and abnormal of electricities.

## General Specs

---

Battery Capacity:	626Wh
Output Power:	600W Rated Power
Cell Type:	Li-ion
Lifecycle:	1000+ to 80% capacity
Material:	ABS+PCB
Operating Temp:	-20-40°C
Product Weight:	5.5kg
Package Size:	260×173×202mm
Certificate:	FCC, CE, RoHS, MSDS
Warrenty:	12-24 Months

# PPS700

## Input Specs

---

AC Outlet: 12-30V, 100W MAX

Solar Power: 12-30V, 100W MAX

Type-C PD: 5-20V, 60W MAX

Car Charging: 12-30V, 100W MAX

## Output Specs

---

AC Outlets: 100-120V, 60Hz, 600W MAX

USB-A: 5V = 2.4A, 15W MAX

5-20V, 18W MAX

USB-C: 5-20V, 60W MAX

DC Output: 12-16.8V, 10A TOTAL

## Packing List

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1×626Wh Portable power Station

1×Power Adapter

1×Car Charger

1×PD60W Cable

1×MC4 Cable

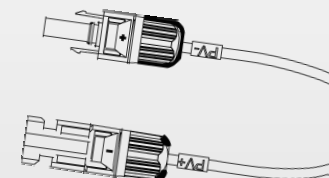
1×User Manual

## Recommended Accessories

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70-110W  
Foldable Solar Panel



MC4 extension

# PPS700

# PPS2000

## PORTABLE POWER STATION

Compatible & ultimate Energizer's Lithium Iron Phosphate solar system solution.

Wide range 10-145V input, supports any size of solar power input. No MPPT needed. Besides, it allows you speed up charging time by dual charging to recharge at the same time

Energizer PPS2000 portable power station use compact and all purpose design, meet your requirement when at home kitchen, basement, RV, electrical car, etc. With capacity of 2150Wh and built-in 2150W (surge 4000W) inverter, PPS2000 could run most of your home and outdoor appliances, and Tesla electrical car too. Perfect for emergency power outages in everywhere.





## 2150Wh Capacity

Generates 2150Wh capacity, and power up to 2100W rated power. Compatible for most of portable devices and electrical car. Perfect for family



## Multiple Charge

Up to 17 port for output charging simoultaneously. Perfect for family and party time. Meets most of home and mobile appliances needs.



## Wide-range Solar Charge

10-145V wide range voltage of MPPT controller, you can speed up charging time by connect multiple solar panels.



## LCD Touch Screen

Few taps to manage your battery system. You can control your in/output and wireless function on the screen. You can also set for ECO mode to save your power.

## PPS2000

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### Touch Screen Operation

You can manage your battery on LCD touch screen. Power faster, power easier.

### Wide Voltage Solar

10-145V MPPT system converts solar power to electricity automatically from any size of charging method, and allows you charge and discharge simultaneously.

### Multi-output Design

17 output ports fit every port you need, meets the power of majority mobile devices required.

### Wireless Charging

Supports 2×15W wireless charging platform.

## General Specs

---

Battery Capacity:	2150Wh
Output Power:	2100W Rated Power
Cell Type:	LiFePO4
Lifecycle:	2000+ to 80% capacity
Material:	ABS+PCB
Operating Temp:	0-60°C
Product Weight:	30kg
Package Size:	440×295×389mm
Certificate:	UL, FCC, CE, RoHS, MSDS
Warrenty:	12-24 Months

# PPS2000

## Input Specs

---

AC Outlet:	20-33.3V, 15A, 500W MAX
Solar Power:	10-145V, 15A, 900W MAX
Car Charging:	10-145V, 15A, 900W MAX

## Output Specs

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AC Outlets:	100-120V, 60Hz, 2100W MAX
USB-A:	5V = 2.4A, 15W MAX
	5-20V, 18W MAX
USB-C:	5-20V, 100W MAX
DC Output:	11-28.8V, 8.2A TOTAL
RV:	12V, 30A
Wireless:	5V = 2.4A, 15W MAX

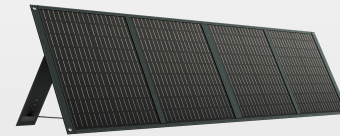
## Packing List

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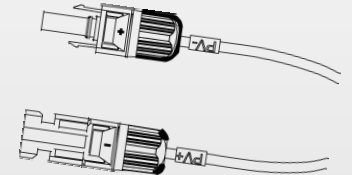
1×2150Wh Portable power Station	1×RV connecter Set
	1×PD100W Cable
1×Power Adapter	1×MC4 Cable Set
1×Car Charger	1×User Manual

## Recommended Accessories

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110-220W  
Foldable Solar Panel



MC4 PV  
extension & fuse

# PPS2000



# IIT

## IIT TECHNOLOGY LIMITED



# POWERWIN

## Product Series Portable Power Station



\*Same specification with Energizer Portable Power Station

# POWERWIN

## Product Series

### Foldable Solar Panel



# PWS110

## FOLDABLE SOLAR PANEL

Foldable design, allows you operate at anywhere you want.

Grade-A monocrystalline silicon solar cells adopted.

With ETFE waterproof material. The light transmittance is as high as 95%. Water-Resistant & Dust-Proof.

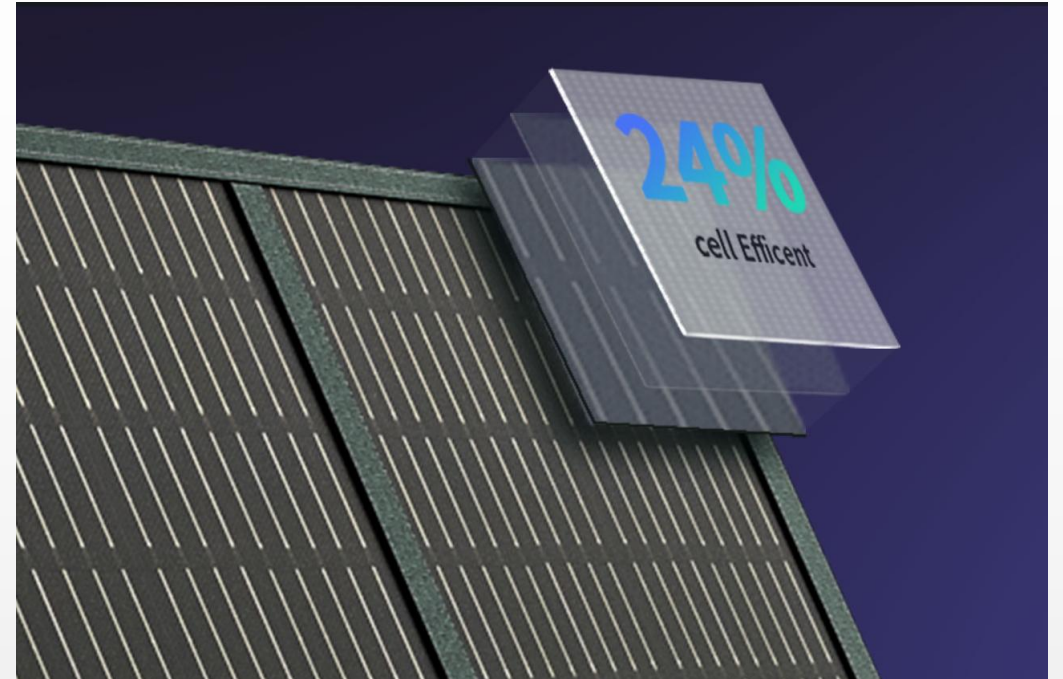
Wide range of voltages and current for other mobile devices, also perfectly compatible with Energizer Portable Power Station. It allows The solar panel to generate more power than the industrial standard.





## Water Resistance

Honeycomb textured ETFE outlayer waterproof & dustproof membrane, up to 95% light transparent rate. Perfect for outdoor activities



## High Conversion Rate

Powered by monocrystalline silicon cell with multi-layer of membrane to support high quality of power convert, up to 24% conversion rate.



## Foldable Connection

Foldable for space management. Parallel mix with serial connection design to ensure the out put power.



## Lightweight Design

Brifcase light weight and handle design, easy transport and take to anywhere.



## Self-supporting

Adjusted kitstand design. You can hang your panels on RV, lay down, or brace up. Flexible placement for you all charging conditions.



## Multi-Charging Method

Mounted with a voltage regulator, no MPPT needed, charge your mobile devices via USB, PD, DC anytime you want.

## General Specs

---

Size:	1600×425×8mm Unfolded 425×375×55mm Folded
Product Weight:	3.5 kg
Temperature:	-10~65°C
Warranty:	12-24 Months

## Output Specs

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Rated Power:	110W
Volts/Amps:	18V/6A
MC4 Connector:	110W Rated
DC 5525:	8-25V/12A
USB-A:	5V = 2.4A
USB-C:	5-12V.PD 20W

## Packing List

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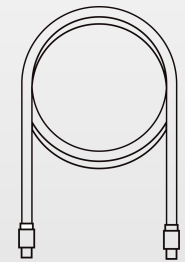
1×110W Foldable Solar Panel
1×PV Cable (mounted)
1×DC adapter set (give away)
1×User Manual

## Recommended Accessories

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30A MPPT Controller



DC 5525 extension

# PWS110



# PWS220

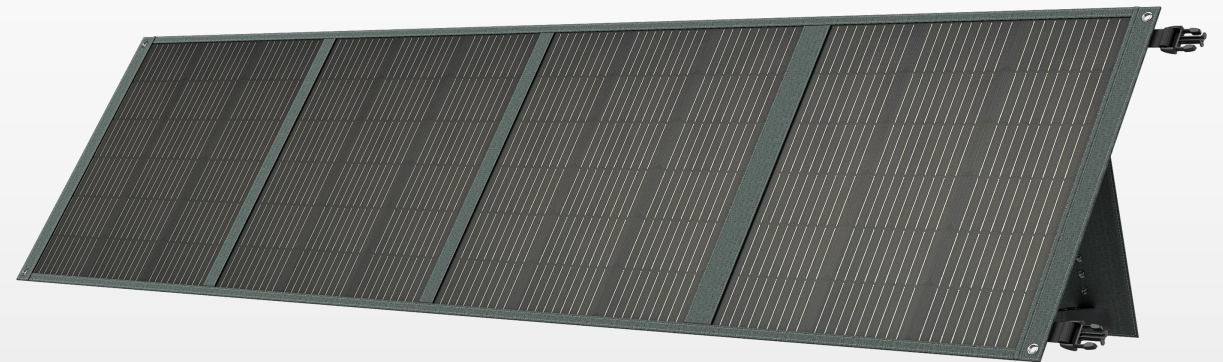
## FOLDABLE SOLAR PANEL

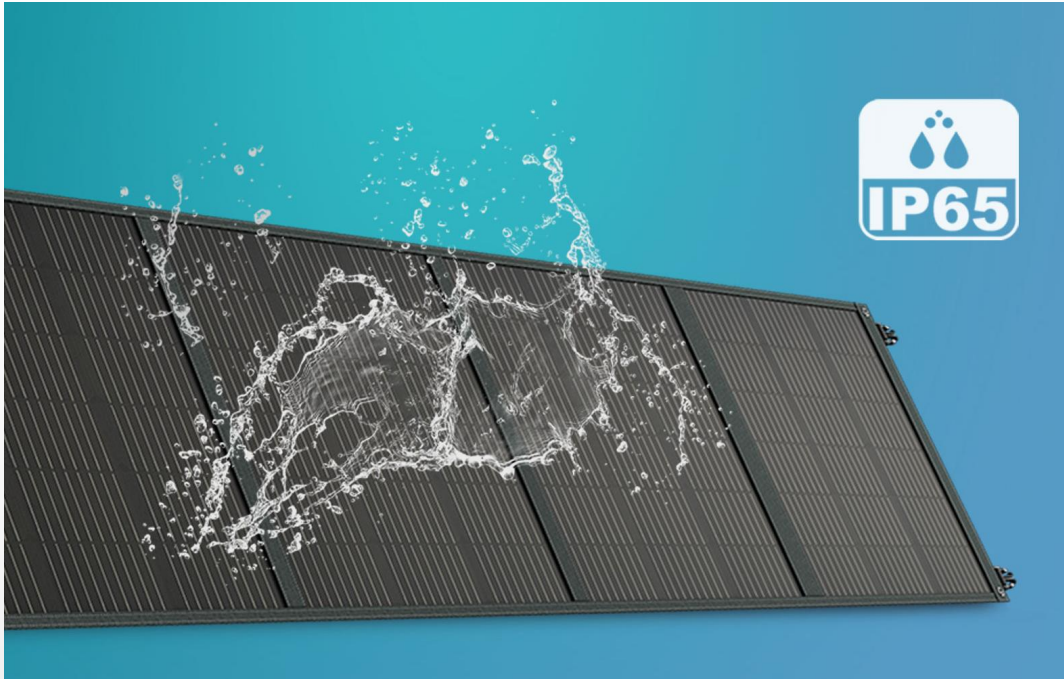
Foldable design, allows you operate at anywhere you want.

Grade-A monocrystalline silicon solar cells adopted.

With ETFE waterproof material. The light transmittance is as high as 95%. Water-Resistant & Dust-Proof.

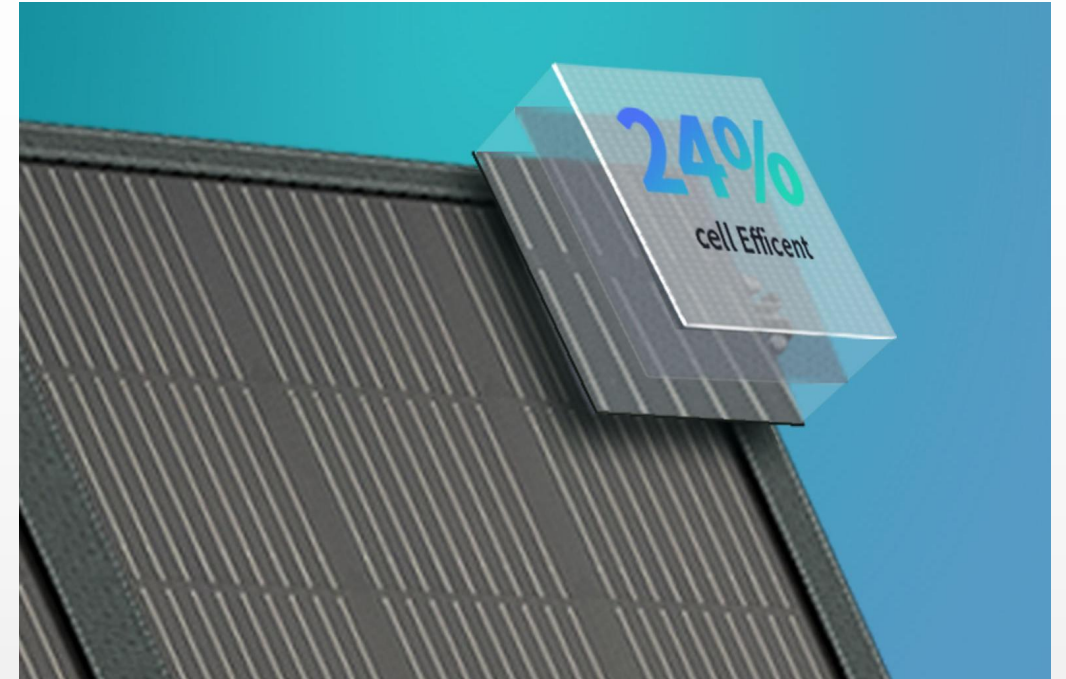
Wide range of voltages and current for other mobile devices, also perfectly compatible with Energizer Portable Power Station. It allows The solar panel to generate more power than the industrial standard.





## Water Resistance

Honeycomb textured ETFE outlayer waterproof & dustproof membrane, up to 95% light transparent rate. Perfect for outdoor activities



## High Conversion Rate

Powered by monocrystalline silicon cell with multi-layer of membrane to support high quality of power convert, up to 24% conversion rate.



## Easy Carry

Foldable for space management. Parallel mix with serial connection design to ensure the out put power. Brifcase and handle design, easy transport and take to anywhere.



## Parallel Design

Powered with MC4 PV Connector , you can connect multiple panels in parallel and serial to speed up your charging time.



## Self-supporting

Adjusted kitstand design. You can hang your panels on RV, lay down, or brace up. Flexible placement for you all charging conditions.



## Multi-Charging Method

Mounted with a voltage regulator, no MPPT needed, charge your mobile devices via XT60, USB, PD, DC anytime you want.

## General Specs

---

Size:	2162×566×8mm Unfolded
	502×566×55mm Folded
Product Weight:	6.5 kg
Temperature:	-10~65°C
Warranty:	12-24 Months

## Output Specs

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Rated Power:	220W
Volts/Amps:	19.9V/9.9A
MC4 Connector:	110W Rated
XT60:	8-25V/12A
DC 5525:	8-25V/12A
USB-A:	5V = 2.4A
USB-C:	5-12V.PD 20W

## Packing List

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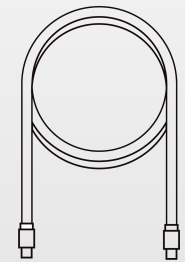
- 1×220W Foldable Solar Panel
- 1×PV Cable (mounted)
- 1×DC adapter set (give away)
- 1×User Manual

## Recommended Accessories

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30-100A  
MPPT Controller



DC 5525 extension

# PWS220

# PWS100F

## FLEXIBLE SOLAR PANEL

Soft & Flexible design, allows you install and operate at anywhere you want.

Grade-A soft monocrystal silicon materials.

With ETFE, waterproof material. The light transmittance is as high as 95%. Water-Resistant & Dust-Proof.

PV connecter mounted. You can install and connect with serial or prallel.



## General Specs

---

Size:	1055×612×3mm
Product Weight:	3.5kg
Temperature:	-10~65°C
Warranty:	12-24 Months

## Output Specs

---

Rated Power:	110W
Volts/Amps:	18V/6A
MC4 Connector:	110W Rated
DC 5525:	8-25V/12A
USB-A:	5V = 2.4A
USB-C:	5-12V.PD 20W

## Packing List

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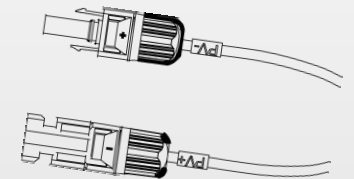
1×110W Foldable Solar Panel
1×PV Cable (mounted)
1×User Manual

## Recommended Accessories

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30A MPPT Controller



MC4 extension

# PWS100F

# PWS100T

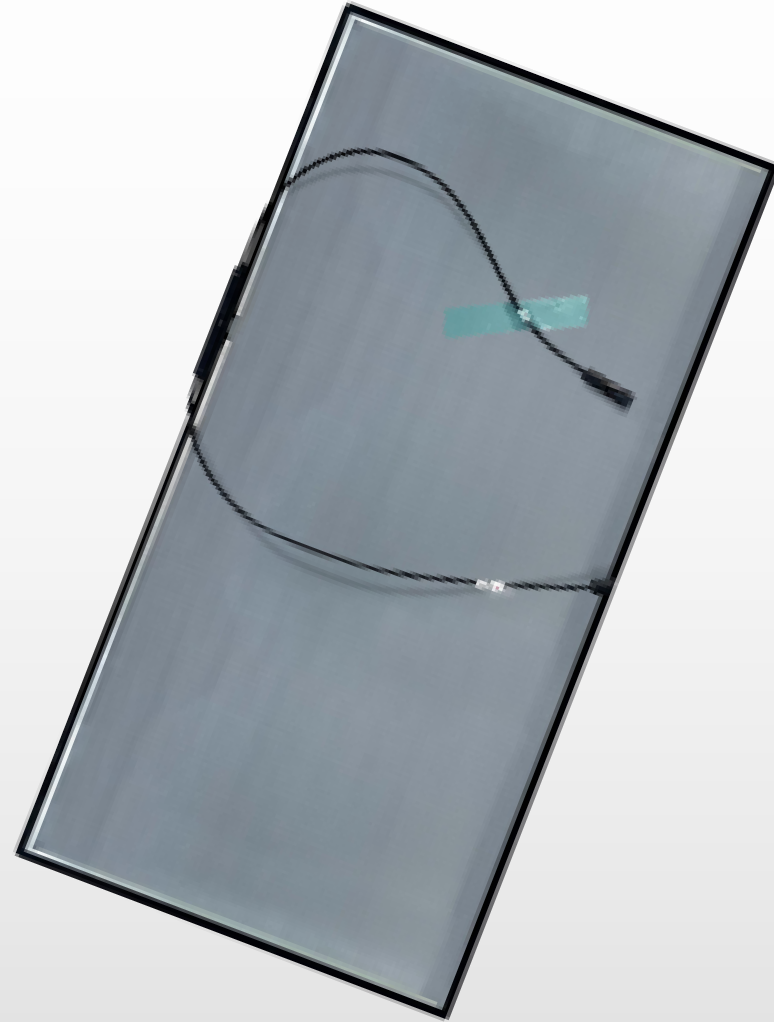
T0 | T2 | T4

## TRANSPARENT SOLAR PANEL

High transparent and solid structure glass with CdTe (Cadmium telluride) material.

High conversion rate and heat controll, water & fire-resistance.

0%, 20%, and 40% transparent of the film for choose. Perfect for glass house, roof design, and all purpose building structure design.

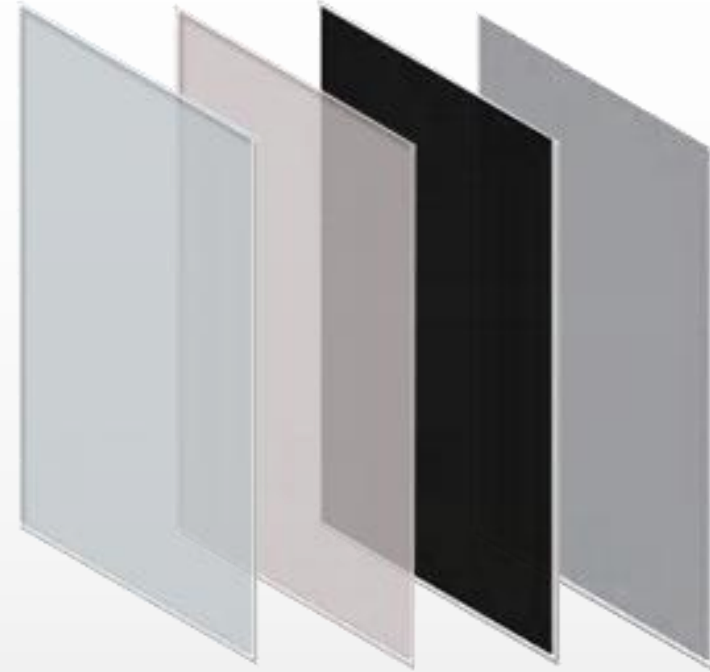






## Commercial & Business

Aiming for the traditional industrial and commercial roof, convenient to install, cost saving, high return on capital.



## Multi-layer Mounted

High waterproof performance, anti-hot spot effect, reduce the risk of fire, safe and efficient.

## General Specs

---

Size:	1200×612×68mm
Product Weight:	12kg
Transparenting:	0%
Temperature:	-40~85°C
Warranty:	10 Years

## Output Specs

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Rated Power:	105W
Volts/Amps:	97.2V/1.0A
MC4 Connector:	105W Rated

## Certificate

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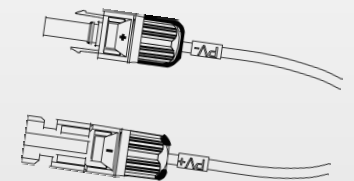
CE, TUV, UL, VDE,

## Recommended Accessories

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30-50A MPPT Controller



MC4 extension

**PWS100T0**

## General Specs

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Size:	1200×612×6.8mm
Product Weight:	12kg
Transparencing:	20%
Temperature:	-40~85°C
Warranty:	10 Years

## Output Specs

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Rated Power:	80W
Volts/Amps:	94.8V/0.86A
MC4 Connector:	80W Rated

## Certificate

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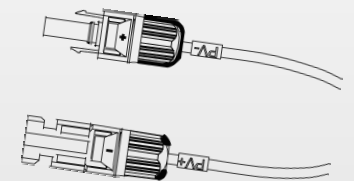
CE, TUV, UL, VDE,

## Recommended Accessories

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30-50A MPPT Controller



MC4 extension

**PWS100T2**

## General Specs

---

Size:	1200×612×68mm
Product Weight:	12kg
Transparency:	40%
Temperature:	-40~85°C
Warranty:	10 Years

## Output Specs

---

Rated Power:	60W
Volts/Amps:	90.7V/0.65A
MC4 Connector:	60W Rated

## Certificate

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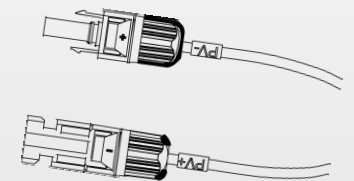
CE, TUV, UL, VDE,

## Recommended Accessories

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30-50A MPPT Controller



MC4 extension

**PWS100T4**

# POWERWIN

## Product Series

### CONTROLLER



# PWSM3

## Solar Charging Controller

Industrial master control chip.

Temperature, light control display + delay control; Charge and discharge control; With power off memory and other functions.

Dual USB output, maximum current up to 2.5A, support iPhone charging.

Current and voltage protection, no damage to the controller.

Counter-current protection, low heating value.



## General Specs

---

Size:	170×92×45mm
Product Weight:	0.225kg
Temperature:	-35~60°C
Max Volts Input:	23V For 12V Battery 46V For 24V Battery
Max Amps Input:	30-100A, Adapted
Warranty:	5 Years

## Output Specs

---

Max Amps:	10-30A, Adapted
Floating:	13.7V, Default
Cut off/Resume Volts:	10.7V/12.6V, Default
Volts/Amps:	80-160V/5A
USB:	5V = 2.5A
Standby current:	< 10mA

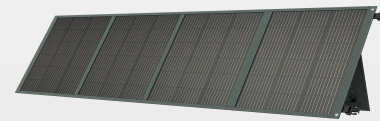
## Packing List

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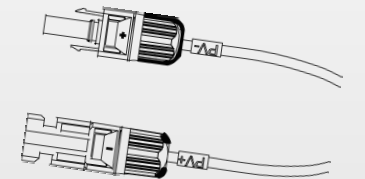
- 1×30A MPPT Controller
- 1×User Manual

## Recommended Accessories

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110-220W  
Solar Panels



MC4 extension

**PWSM3**

# PWSM5

## Solar Charging Controller

Industrial master control chip.

Temperature, light control display + delay control; Charge and discharge control; With power off memory and other functions.

Dual USB output, maximum current up to 2.5A, support iPhone charging.

Current and voltage protection, no damage to the controller.

Counter-current protection, low heating value.





## General Specs

---

Size:	170×92×45mm
Product Weight:	0.225kg
Temperature:	-35~60°C
Max Volts Input:	23V For 12V Battery 46V For 24V Battery
Max Amps Input:	30-100A, Adapted
Warranty:	5 Years

## Output Specs

---

Max Amps:	10-50A, Adapted
Floating:	13.7V, Default
Cut off/Resume Volts:	10.7V/12.6V, Default
Volts/Amps:	80-160V/5A
USB:	5V = 2.5A
Standby current:	< 10mA

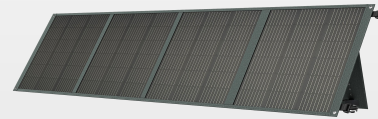
## Packing List

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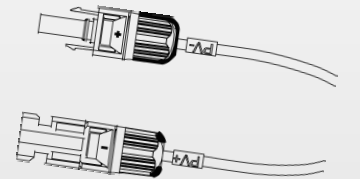
1×30A MPPT Controller  
1×User Manual

## Recommended Accessories

---



110-220W  
Solar Panels



MC4 extension

**PWSM5**

# PWSi

i6 | i7

## Inverter

MPPT Photovoltaic grid-connected inverters are suitable for residential, public applications, factories and ground power stations.

Adopt advanced forward inverter grid-connected technology, higher output efficiency, conversion efficiency up to 97%.

IP65~IP67 waterproof grade is adopted to effectively prevent the erosion of rain on the surface.



## General Specs

---

Size:	283×200×41.6 mm
Product Weight:	1.56 kg
Temperature:	-10~65°C
Input Power	2×350W
Input Volts:	22-60V
Input Amps:	2×12A
Warranty:	5 Years

## Output Specs

---

Rated Power:	600W
Open Volts:	30-60V
Maximum Amps:	24A
Volts/Amps:	80-160V/5A
Convert Rate:	> 95%
MPPT Efficient:	99.5%
Maximum Device:	6

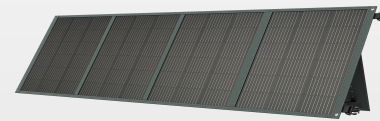
## Packing List

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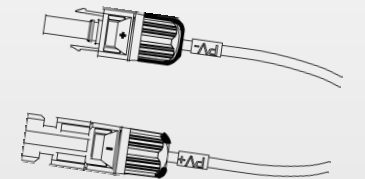
- 1×600W Inverter
- 1×Communication antenna
- 1×Screws Set
- 1×AC Connector
- 1×User Manual

## Recommended Accessories

---



220W Solar Panels



MC4 extension

**PWSi6**

## General Specs

---

Size:	283×200×41.6 mm
Product Weight:	1.56 kg
Temperature:	-10~65°C
Input Power:	2×400W
Input Volts:	22-60V
Input Amps:	2×12A
Warranty:	5 Years

## Output Specs

---

Rated Power:	700W
Open Volts:	30-60V
Maximum Amps:	2×14A
Volts/Amps:	80-160V/5A
Convert Rate:	> 95%
MPPT Efficient:	99.5%
Maximum Device:	6

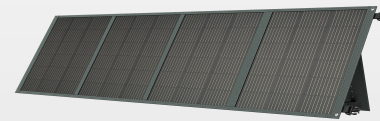
## Packing List

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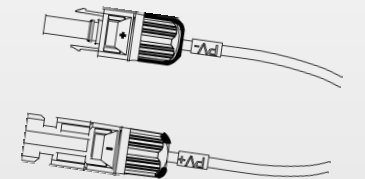
- 1×700W Inverter
- 1×Communication antenna
- 1×Screws Set
- 1×AC Connector
- 1×User Manual

## Recommended Accessories

---



220W Solar Panels



MC4 extension

**PWSi7**

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## Contact Us

info@iittechnology.com  
bryan@iittechnology.com