Energizer

PORTABLE POWER STATION
PPS550W1F

SPECIFICATIONS:

Portable Power Station

Model Name : PPS550W1F
Cell Type : Lithium Manganese Iron Phosphate (LMFP)
Battery Capacity : 21Ah/26.25V, 551.25Wh
DC Input : 15V/7.5A
AC Input: 600W
AC Output : 2 x 220Vac/60Hz 700W Max.(Peak 1400W)
DC Output : 2 x 12V/10A (10A Max.)
Car Charger Outlet : 12V/10A Max. (Shared DC Output)
USB Output : 2 x 5V/3A, 9V/2A, 12V/1.5A
USB-C1 Output : PD 5V/3A, 9V/2A, 12V/1.5A (18W Max.)
USB-C2 Output : PD 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (100W Max.)
Solar Panel Input : MPPT 12-30V (180W max.)
LED light : 5W
Material : Flame retardant plastic
Dimensions : 238(L) x 196(W) x 285(H)mm
Weight : 7kg ± 500g
Made in China

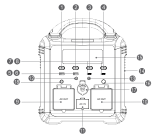
Pure Sine Wave Output

This product generates pure sine wave, which is compatible with AC electric appliance that works with sinusoidal wave form (power<700W). However, the product is only used for emergency situations. It cannot replace the standard DC or AC power supply for household appliances or digital products.

Package Content :

Portable Power Station x 1 Power Cord x 1 User Manual x 1
Solar Panel Extension Adapter x 1

PRODUCT DESCRIPTION



1	AC Power Button	16	AC Output
2	DC Power Button	17	AC Input
3	USB Power Button	18	DC Output
4	LED Light Power Button	19	DC Output
5	USB-A2 Output	20	LED Light
6	USB-A1 Output	21	LCD Monitor
7	USB-C2 Output	22	Power Status ON/OFF Button
8	USB-C1 Output	23	Car Charger Outlet
9	AC Output	24	AC Input

AC Output
A. Press the AC on/off button to activate AC mode.
B. Connect the appropriate plug to the electrical outlet/socket to begin charging.

NOTE:
A. Do not connect device/appliance that is over 700W
B. AC electric plug type is based on the country/region being sold.

HOW TO CHARGE

Power Button
A. Long press the power button for 3 seconds to turn on the power station.
B. Long press the power button to turn off the power station.

AC on/off Button
A. When the power is on, short press the AC button to turn on AC charging.
B. Short press the AC button to turn off the AC charging.
C. Under the AC outlet mode, press the AC button for 3 seconds to shift the frequency (60Hz/50Hz).

LED Button
A. When the power is on, press the button to turn on the LED light mode. It will show constant lighting mode and the light bulb icon will show on the display.
B. Press the LED button to adjust the brightness.
C. Press the button again to switch to different modes: flashing light mode, SOS flashing mode, and off mode. The light bulb icon will shut off too.
D. Warning: DO NOT stare at the light directly.

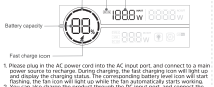
USB Outputs
A. For fast charge, please use compatible cable and device(s).
B. USB-C is designed with Power Delivery technology.

NOTE:
When USB-A outputs are overloaded or enter short circuit mode, short press the power button to reactive USB-A charging. For USB-C, unplug and plug in the USB-C cable again to restore charging.

DC Outputs
A. Can connect to a car charger outlet that is no more than 100W

NOTE:
A. Over-current protection: When the DC output is over current, the corresponding icon on the display will shut off. Short press the power button to restore.
B. Short-circuit protection: When the DC external short circuit protection is on, the corresponding icon on the display will shut off. Long press the power button to restart the power station and restore output.

HOW TO RECHARGE



1. Please plug in the AC power cord into the AC input port, and connect to a main power supply. The power station will beep twice, the LED light will turn on and display the charging status. The corresponding battery level icon will start flashing, the fan icon will light up while the fan automatically starts working.
2. You can also charge the product through the DC input port, and connect the other end to your adapter or solar panel to recharge. When charging, the DC input icon will show on the display. Once the battery is full, the corresponding battery level icon will start flashing, the fan icon will light up while the fan automatically starts working.

LED Display
A. Changing level show in pie charts of 10 segments.
B. Flashing light indicates charging status, solid light indicates the product is fully charged.
C. The icons will light up when the function is activated.
D. If the power station is not in use, the power station will automatically turn off in 5 minutes.
E. If the power station is in use, short press the power button twice to turn off the LED display (the power station continues to the outputs). You can short press any button to activate the LED display.

Charging While Discharging (Bypass)
When the product is turned on and connected to a main power supply, while charging other devices/electronics at the same time, the current will power your devices/electronics first before charging the battery, the battery icon will show on the display. When the product is disconnected from the main power supply, the unit will immediately switch over to the power station battery, the display will indicate the output power being discharged.

Recharge Through Solar Panel
A. Place the solar panel where it will get the strongest and most direct sunlight as possible.
B. Connect the cable to the input port to begin recharge.

NOTE:
A. The actual charging efficiency can vary widely depending on weather, ambient temperature, sunlight's strength, the angle that the solar panel faces to the strongest sunlight and other factors.
B. Use solar panels below 20V for charging, it will automatically cut off when input higher than 20V.
C. Built in MPPT technology that allows solar panel to recharge efficiently.

Function Introduction

1. This product is versatile and suitable for indoor and camping use.

2. This product has 220V AC inverter function which can supply power to low-power appliances, such as lights, laptop, mini fan, mini cooker ect.

3. This product has a DC output interface, cigarette lighter interface, 18W USB fast charging ports and PD charging ports. DC output function allows it to power digital products such as mobile phones, GPS units, DVD players and small mobile devices.

4. This product has a built-in high-capacity battery, which makes it suitable for camping activities. It is also equipped with a high brightness LED, which has several modes like adjustable-brightness lighting, flashing, emergency light and SOS signal.

Caution

1. Do not short circuit the product. To avoid short-circuiting, keep the product away from all metal objects (e.g. coins, hair pins, keys, etc.).
2. Do not heat the product, or dispose it in fire, water or other liquids. Keep it away from high ambient temperature. Do not expose the product to direct sunlight.
3. Keep the product away from humid, dusty places.
4. Do not use the product in extreme weather.
5. Do not drop, place heavy objects on, or allow strong impact to this product.
6. To charge some portable electronic devices, you may need to set these devices in charge mode first.Refer the corresponding user manual of these devices for confirmation.
7. Please keep this product away from children.
8. Do not cover the product with towels, clothing and other item.
9. Do not overcharge this product.
10. When fully charged, disconnect the product from the power source immediately.
11. When charging this product, please keep it away from TV, radio and other equipment to avoid radio interference.
12. If you are not going to use this product for a long time, please disconnect the cable before storing it away.

This product is NOT waterproof. Please do not use nor store it in a wet environment. Rain, water spray,juice, coffee, drown, sweat and other liquids may cause a breakdown.
This product is NOT dustproof. Please do not use in sandy and dusty environment, such as beaches and deserts. It may cause a breakdown.

Cold Weather Usage

Cold temperatures (-10~40°C) can affect the product's battery capacity due to chemical characteristics of the battery. If you'll be being off grid in sub-zero conditions, it is recommended to keep your product in an insulated cooler, and connected to a power source (car charger/AC adapter/solar panel). The natural heat generated by the product contained in an insulated cooler will keep battery capacity at its highest level.

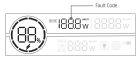
Disposal and Recycle

This product should not be disposed along with household waste. Please dispose or recycle this product and the battery inside according to the local rules and regulations.

Battery Information

This product has an internal, non-removable, Lithium Manganese Iron Phosphate (LMFP) rechargeable battery. Do not attempt to remove the battery, as you may damage the device. The battery can be charged and discharged over 2000 times.

Fault Code



- Fault Code: E01
  Fault Content: DC output overload
  Fault Solution: After overload removed, short press DC button.
- Fault Code: E02
  Fault Content: DC output short circuit
  Fault Solution: After short circuit removed, short press DC button.
- Fault Code: E03
  Fault Content: AC overload/short circuit
  Fault Solution: After overload/short circuit removed, short press AC button.
- Fault Code: E04
  Fault Content: AC output over temperature
  Fault Solution: After temperature returns to normal, short press AC button.
- Fault Code: E05
  Fault Content: PD overload/short circuit
  Fault Solution: After overload/short circuit removed, short press USB button.
- Fault Code: E06
  Fault Content: Battery temperature is too high
  Fault Solution: Automatically clear the failure code after the temperature returns to normal.
- Fault Code: E07
  Fault Content: Battery temperature is too low
  Fault Solution: Automatically clear the failure code after the temperature returns to normal.
- Fault Code: E08
  Fault Content: USB overload/short circuit
  Fault Solution: After overload/short circuit removed, short press USB button.
- Fault Code: E09
  Fault Content: DC charging over-voltage
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.
- Fault Code: E10
  Fault Content: DC charging low voltage
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.
- Fault Code: E11
  Fault Content: Battery charge/discharge overheated
  Fault Solution: Automatically clear the failure code after the temperature returns to normal.
- Fault Code: E13
  Fault Content: AC charging under-voltage protection
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.
- Fault Code: E14
  Fault Content: AC charging over-voltage protection
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.

PowerSafe Management
Guarantees against short circuit and over-charging for your power bank and devices.

Customer Service
For any question about the product, please contact us at
service@energizerpowerpacks.com

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UM_2_PPS550W1F_Pri_L1

Energizer

PORTABLE POWER STATION
PPS1100W2F

SPECIFICATIONS:

Portable Power Station

Model Name : PPS1100W2F
Cell Type : Lithium Manganese Iron Phosphate (LMFP)
Battery Capacity : 42Ah/26.25V, 1102.5Wh
DC Input : 24V/7.5A
AC Input : 220V/60Hz 1100W
AC Output : 3 x 220VAC 60Hz 1200W Max (Peak 2400W)
DC Output : 2 x 12V/10A (10A Max.)
Car Charger Outlet : 12V/10A Max. (Shared DC Output)
USB Output : 2 x 5V/3A, 9V/2A, 12V/1.5A
USB-C1 Output : PD 5V/3A, 9V/2A, 12V/1.5A (18W Max.)
USB-C2 Output : PD 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (100W Max.)
Solar Panel Input : MPPT 12V~30V (180W Max.)
LED light : 5W
Material : Flame Retardant Plastic
Dimension : 396(L)*240(W)*300(H) mm
Weight : 14kg±500g
Made in China

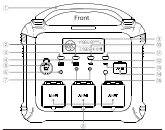
Pure Sine Wave Output

This product generates pure sine wave, which is compatible with AC electric appliance that works with sinusoidal wave form (power <1200W). However, the product is only used for emergency situations. It cannot replace the standard DC or AC power supply for household appliances or digital products.

Package Content :

Portable Power Station x 1 Power Cord x 1 User Manual x 1
Solar Panel Extension Adapter x 1

PRODUCT DESCRIPTION



①	Handle	⑨	LED display
②	DC button	⑩	USB button
③	AC button	⑪	LED light button
④	USB output	⑫	USB-C1 output
⑤	Cigarette lighter	⑬	USB-C2 output
⑥	DC input	⑭	AC input
⑦	DC output	⑮	Power button
⑧	AC output		

AC Output
A. Press the AC on/off button to activate AC mode.
B. Connect the appropriate plug to the electrical outlet/socket to begin charging.

NOTE:
A. Do not connect device/appliance that is over 1200W.
B. AC electric plug type is based on the country/region being sold.

HOW TO CHARGE

Power Button
A. Long press the power button for 3 seconds to turn on the power station.
B. Long press the power button to turn off the power station.

AC on/off Button
A. When the power is on, short press the AC button to turn on AC charging.
B. Short press the AC button to turn off the AC charging.
C. Under the AC outlet mode, press the AC button for 3 seconds to shift the frequency (60Hz/50Hz).

LED Button
A. When the power is on, press the button to turn on the LED light mode. It will show constant lighting mode and the light bulb icon will show on the display.
B. Press the LED button to adjust the brightness.
C. Press the button again to switch to different modes: flashing light mode, SOS flashing mode, and off mode. The light bulb icon will shut off too.
D. Warning: DO NOT stare at the light directly.

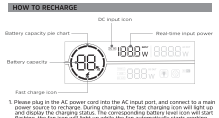
USB Outputs
A. For fast charge, please use compatible cable and device(s).
B. USB-C is designed with Power Delivery technology.

NOTE:
When USB-A outputs are overloaded or enter short circuit mode, short press the power button to reactive USB-A charging. For USB-C, unplug and plug in the USB-C cable again to restore charging.

DC Outputs
A. Can connect to a car charger outlet that is no more than 100W.

NOTE:
A. Over-current protection: When the DC output is over current, the corresponding icon on the display will shut off. Short press the power button to restore.
B. Short-circuit protection: When the DC external short circuit protection is on, the corresponding icon on the display will shut off. Long press the power button to restart the power station and restore output.

HOW TO RECHARGE



1. Please plug in the AC power cord into the AC input port, and connect to a main power source to recharge the unit. Upon plugging in, the power station will light up and display the current status. The control panel will turn on and start flashing, the fan icon will light up while the fan automatically starts working.
2. You can also charge the product through the DC input port, and connect the other end to your adaptor or solar panel to recharge. When charging, the DC icon will light up and flashes the current voltage and watts. The corresponding battery level icon will start flashing, the fan icon will light up while the fan automatically starts working.

LED Display
A. Charging level show in six charts of 10 segments.
B. The light indicates charging status, solid light indicates the product is fully charged.
C. The icons will light up when the function is activated.
D. If the power station is not in use, the power station will automatically turn off in 3 minutes.
E. If the power station is in use, short press the power button twice to turn off the AC/DC outlets (stop power from flowing to the outputs). You can short press any button to activate the LED display.

Charging While Discharging (Bypass)
When this product is turned on and connected to a main power supply, while charging other devices/electronics at the same time, the current will power your devices/electronics first before charging the battery. The icon will show on the display. When the product is disconnected from the main power supply, the unit will immediately switch over to the power station battery, the display will indicate the output power being discharged.

Recharge Through Solar Panel
A. Place the solar panel where it will get the strongest and most direct sunlight exposure.
B. Connect the cable to the input port to begin recharge.

NOTE:
A. The actual charging efficiency can vary widely depending on weather, ambient temperature, sunlight's strength, the angle that the solar panels face to the strongest sunlight and other factors.
B. Use solar panels below 30V for charging. It will automatically cut off when input higher than 30V.
C. Built in MPPT technology that allows solar panel to recharge efficiently.

FUNCTION INTRODUCTION

1. This product is versatile and suitable for indoor and camping use.

2. This product has 220V AC inverter function which can supply power to low-power appliances, such as lights, laptop, mini fan, mini cooker ect.

3. This product has a DC output interface, cigarette lighter interface, 18W USB fast charging ports and PD charging ports. DC output function allows it to power digital products such as mobile phones, GPS units, DVD players and small mobile devices.

4. This product has a built-in high-capacity battery, which makes it suitable for camping activities. It is also equipped with a high brightness LED, which has several modes like adjustable-brightness lighting, flashing, emergency light and SOS signal.

Caution

1. Do not short-circuit the product. To avoid short-circuiting, keep the product away from all metal objects (e.g. coins, hair-pins, keys, etc.).
2. Do not heat the product, or dispose it in fire, water or other liquids. Keep it away from high ambient temperature. Do not expose the product to direct sunlight.
3. Keep the product away from humid, dusty places.
4. Do not disassemble or reassemble this product.
5. Do not drop, place heavy objects on, or allow strong impact to this product.
6. To charge some portable electronic devices, you may need to set those devices in charge mode before connecting to the power station. Refer to those devices for confirmation.
7. Please keep this product away from children.
8. Do not cover the product with towels, clothing and other item.
9. Do not overcharge this product.
10. When fully charged, disconnect the product from the power source immediately.
11. When charging this product, please keep it away from TV, radio and other equipment to avoid radio wave interference.
12. If you are not going to use this product for a long time, please disconnect the cable before storing it away.

This product is NOT waterproof. Please do not use nor store it in a wet environment. Rain, water spray, juice, coffee, steam, sweat and other liquids may cause a breakdown.
This product is NOT dustproof. Please do not use it in sandy and dusty environment, such as beaches and deserts, it may cause a breakdown.

Cold Weather Usage

Cold temperatures (-10-0℃) can affect the product's battery capacity due to chemical characteristics of the battery. If you'll be living off grid in sub-zero conditions, it is recommended to keep your product in an insulated cooler, and connected to a power source (car charger/AC adapter/solar panel). The natural heat generated by the product contained in an insulated cooler will keep battery capacity at its highest level.

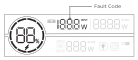
Disposal and Recycle

This product should not be disposed along with household waste. Please dispose or recycle this product and the battery inside according to the local rules and regulations.

Battery Information

This product has an internal, non-removable, Lithium Manganese Iron Phosphate (LMFP) rechargable battery. Do not attempt to remove the battery, as you may damage the device. The battery can be charged and discharged over 3000 times.

FAULT CODE



- Fault Code: E01
  Fault Content: DC output overload
  Fault Solution: After overload removed, short press DC button.
- Fault Code: E02
  Fault Content: DC output short circuit
  Fault Solution: After short circuit removed, short press DC button.
- Fault Code: E03
  Fault Content: AC overload/short circuit
  Fault Solution: After overload/short circuit removed, short press AC button.
- Fault Code: E04
  Fault Content: AC output over temperature
  Fault Solution: After temperature returns to normal, short press AC button.
- Fault Code: E05
  Fault Content: PD overload/short circuit
  Fault Solution: After overload/short circuit removed, short press USB button.
- Fault Code: E06
  Fault Content: Battery temperature is too high
  Fault Solution: Automatically clear the failure code after the temperature returns to normal.
- Fault Code: E07
  Fault Content: Battery temperature is too low
  Fault Solution: Automatically clear the failure code after the temperature returns to normal.
- Fault Code: E08
  Fault Content: USB overload/short circuit
  Fault Solution: After overload/short circuit removed, short press USB button.
- Fault Code: E09
  Fault Content: DC charging over-voltage
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.
- Fault Code: E10
  Fault Content: DC charging low voltage
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.
- Fault Code: E11
  Fault Content: Battery charge/discharge overheated
  Fault Solution: Automatically clear the failure code after the temperature returns to normal.
- Fault Code: E13
  Fault Content: AC charging under-voltage protection
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.
- Fault Code: E14
  Fault Content: AC charging over-voltage protection
  Fault Solution: Automatically clear the failure code after the voltage returns to normal.

PowerSafe Management
Guarantees against short circuit and over-charging for your power bank and devices.

Customer Service
For any question about the product, please contact us at:
service@energizerpowerpacks.com

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