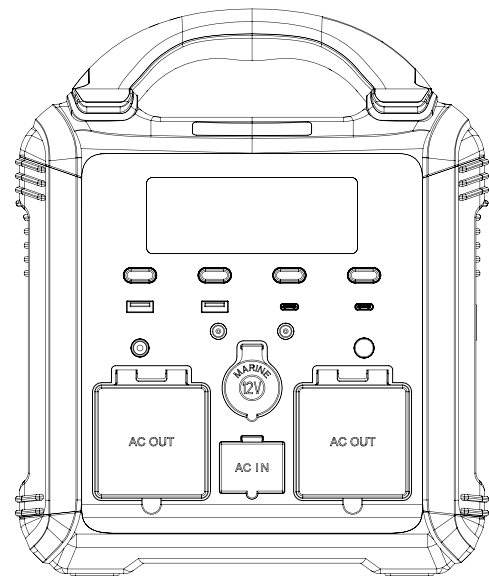




# MAX PORTABLE POWER STATION



### SPECIFICATIONS:

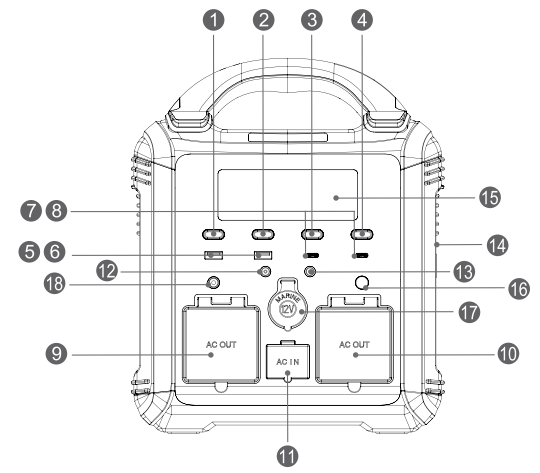
**Portable Power Station**  
 Model Name : PPS550W1F  
 Battery : Lithium Manganese Iron Phosphate (LMFP)  
 Capacity : 21Ah/26.25V, 551.25Wh  
 DC Input : 15V/7.5A  
 AC Input: 600W  
 AC Output : 2 x 230Vac/50Hz 700W Max.(Peak 1400W)  
 DC Output : 2 x 12V/10A (10A Max.)  
 Car Charger Outlet : 12V/10A 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 (120W max.)  
 Dimensions : 242(L) x 184(W) x 261(H) mm  
 Weight : 10kg ± 300g  
 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).

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

**Package Content :**  
 Portable Power Station x 1 Power Cord x 1 User Manual x 1  
 Anderson 50A to DC6530 (10A cable) 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-A Output	20 LED Light
6 USB-A Output	21 LCD Monitor
7 USB-C Output	22 Power Station ON/OFF Button
8 USB-C Output	23 Car Charger Outlet
9 AC Output	24 DC Input/ Input for solar charging

**Important:**  
 When this unit is turned on and connected to the main power supply, with incoming current, that current will power your devices and bypass the unit's internal battery. The output will therefore be reflected as 0. When there's load shedding, the unit will immediately switch over to the Power station battery and the display will indicate the output power being drawn.

### HOW TO USE THE POWERSTATION

**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 output.  
 B. Connect the appropriate plug to the electrical outlet/socket to begin using appliance.  
 C. Under the AC outlet mode, press AC button for 3 seconds to shift the frequency from 60 hertz to 50 hertz or visa versa. Note all South Africa plugs are 50 hertz and this unit is set at 50 hertz.

**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**  
 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.

### POWER UP DEVICES UP TO 700W

 Smartphones/Mobile Phones 40-45 Times	 Tablet 26-30 Times	 Laptops (60W) 5-6.5 Hours	 Portable Juicer (400W) 1 Hour	 Coffee Maker (600W) 20 -25 Cups	 Fans (45W) 7-8.5 Hours
 Digital Camera 25-30 Times	 GoPro 50-55 Times	 Drones 6-8 Times	 Lights (10W) 16+ Hours	 CCTV & Home Alarm (55W) 5.5-7 Hours	 Projector (300W) 1-1.5 Hours
 Gaming Device 16-20 Times	 WiFi Router (15W) 16+ Hours	 DSTV Decoder (20W) 14+ Hours	 Ebike (500W/H) 100% Charge	 CPAP Machine (40W) 8-10 Hours	
 TVs (110W) 3.5 -4.5 Hours	 Bar Fridge (65W) 7-10 Hours	 Car Mobile Fridge (45W) 10 -14 Hours	Please check the wattage of your device before connecting it to your Energizer Max Powerstation. Do not exceed 700 watts for a single device or multiple devices combined. Run times are indicative of typical devices, but may vary depending on actual device/appliance wattage or device efficiency.		

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

**3 YEAR WARRANTY**  
 Please ensure you retain your original proof of purchase for warranty purposes.

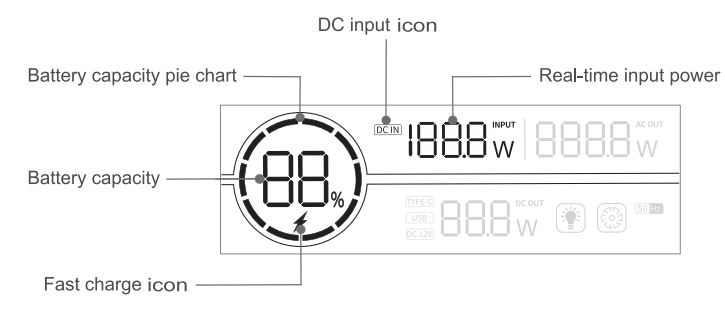
Customer Care:  
 Please contact South Africa Energizer Power station distributors:  
 Omnico (Pty) Ltd; 021 691 0110.  
 admin1@omnico.co.za

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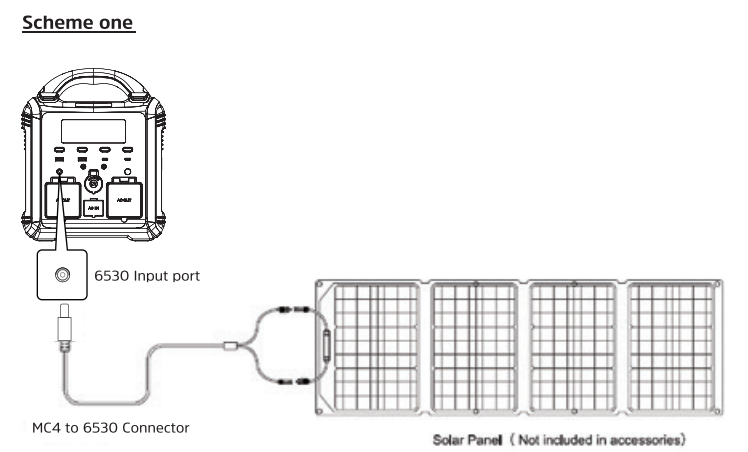
### HOW TO RECHARGE POWER STATION



1. Please plug in the AC power cord into the AC input port, and connect to a main power source to recharge. During charging, the fast charging icon will light up 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 IN icon will light up 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.
- LED Display**  
 A. Charging level show in pie charts of 10 segments.  
 B. Blinking 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 LED display(the power supply continues to the output). 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 and bypass the internal battery, the output will be shown as 0 on the LCD 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.

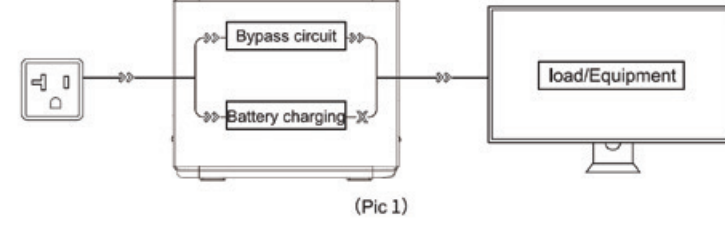
**Recharge Through Solar Panel**  
 A. Place the solar panel where it will get the strongest and most direct sunlight as possible.  
 B. Connect the cable to the input Port (18) to begin recharge.  
 C. Do not exceed 120W, 12-30 Volts



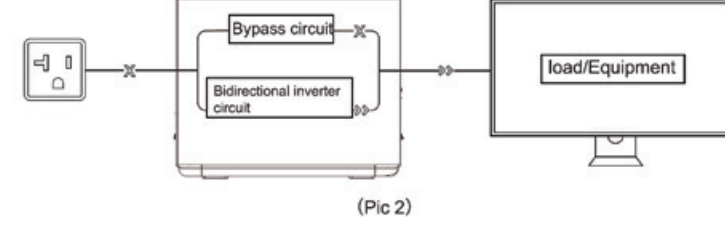
**NOTE:**  
 A. The actual charging efficiency can vary widely depending on weather, ambient temperature, sunlight's strength, the angle that the solar panels faces to the straight sunlight and other factors.  
 B. Use solar panels below 25V for charging, it will automatically cut off when input higher than 25V.  
 C. Built-in MPPT technology that allows solar panel to recharge efficiently.

### UPS MODE

This product has a UPS (Uninterrupted Power Supply) function. This allows you use the device to power items while the unit charges. The usage and operation precautions are as follows:  
 See pic 1 below: when connected to the AC Mains power supply, via the AC input, the Power Station will enter UPS working mode. This means that the unit will power the AC electrical appliances in bypass mode and recharge the unit at 600w of power. In this working state, the rated power of the electrical appliance must be lower than 700w otherwise overload protection may be triggered.



See Pic 2 below: When the AC mains is off, the bypass stops working and the product switches over to the inverter circuit within 10 milliseconds (1/10th of a second). This will enable the UPS mode and will continued to supply power to the electrical appliances uninterrupted and will work as normal within the specs of the power station.



As soon as AC power is restored, it will enable the UPS working mode again.

### FUNCTION INTRODUCTION

1. This product is versatile and suitable for indoor and camping use.
  - Long-Distance Travel
  - Camping
  - Wild Exploration
2. This product has 230V AC inverter function which can supply power to low-power appliances, such as lights, laptop, mini fan, mini cooker ect.
  - Mini Fan
  - Mini Cooker
  - Lamps
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.
  - Laptop
  - Tablet PC
  - GPS units
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.
  - High-Capacity Battery
  - Emergency Light
  - Camping Power Supply

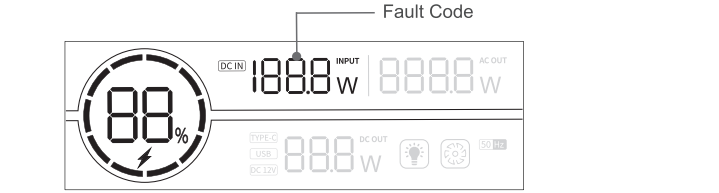
**Caution**  
 1. Do not short-circuit the product. To avoid short-circuiting, keep the product away from all metal objects (e.g. coins, hair-pins, keys, etc.).  
 2. Do not heat the product, or dispose it in fire, water or other liquids. Keep it away from high ambient temperature. Do not expose the 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 first. Refer the corresponding user manual of 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.

**Cold Weather Usage**  
 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 in sandy and dusty environment, such as beaches and deserts, it may cause a breakdown.

**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, LiFePO4 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.