

PPS500

Important Safety Instructions



This is the “Read user manual” symbol. Read the safety guide supplied with the PPS500 before trying to operate the PPS500.


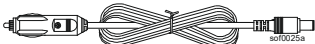

- Download the user manual using the QR Code (pasted on the bottom surface of the PPS500; refer “Rear, Top, and Bottom panel features” on page 2) and read it carefully and look at the PPS500 to become familiar with it before trying to install or operate it.
- To reduce risk of injury, close supervision is necessary when children are present in the vicinity of the PPS500.
- Use only recommended Schneider Electric accessories and chargers.
- Do not expose the PPS500 to excessive temperature or fire.
Any such exposure to temperatures above 140 °F (60 °C) or fire may cause explosion.
- Do not use the PPS500 or accessories if it is damaged or modified. Damage or modification of the PPS500, including the lithium-ion battery pack inside the PPS500, may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Use the PPS500 in a dry and well ventilated environment.
- During storage, keep the PPS500 in a dry and well ventilated place to avoid moisture and electric shock.
- Do not disassemble, repair, or modify the PPS500 or the battery pack. Such acts may cause fire, explosion, injury, and unpredictable risks

General Instructions

- Do not touch the metallic connector of the cable immediately after using for charging the PPS500. Allow sufficient time for the metal parts of the connector to cool.
- To reduce risk of damage to the electric plug and chord, pull the plug rather than the cord when disconnecting the PPS500.
- Use of PPS500 under low temperatures may diminish battery lifespan.
- Regularly recharge the PPS500 to maintain battery power above a specified level during periods of inactivity.
- Schneider OffGrid is optimized for charging within an ambient temperature range of 0°C to 40°C. The discharge temperature should not exceed 40°C, and the unit should be stored within a temperature range of -20°C to 70°C. Operation outside of these temperature parameters may result in reduced functionality.
- Recharge the PPS500 before the battery level drops < 30% to prevent deep discharge.

Electrical equipment should be installed and operated only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

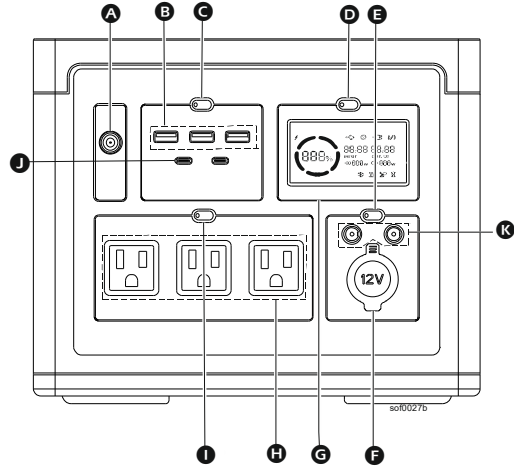
Inventory

PPS500	Car Charging Cable	AC Charging Cable
		

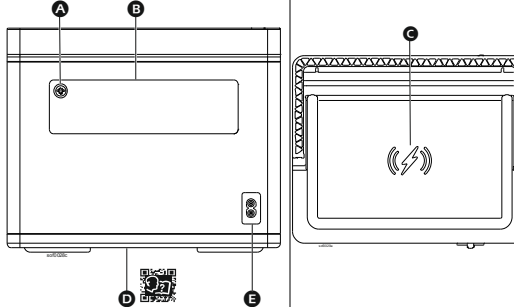
Product Features

NOTE: Before using the Schneider OffGrid 500/730 for the first time, be sure that the unit is fully charged and then press any button to turn it on the PPS500.

Front panel features

A DC input port	
B USB-A output Schneider OffGrid 500 3 x 5 Vdc/2.4 A Schneider OffGrid 730 2 x 5 Vdc/2.4 A 1 x Quick charge 3.0 (5 Vdc/2.4 A, 9 Vdc/2.0 A, 12 Vdc/1.5 A)	
C USB ON/OFF button	
D LCD DISPLAY ON/OFF button	
E CAR PORT ON/OFF button	
F Car port (12 Vdc, 10 A)	
G LCD display	
H AC output socket (500 W for Schneider OffGrid 500 and 700 W for Schneider OffGrid 730)	
I AC OUTPUT PORT ON/OFF button	
J USB-C output Schneider OffGrid 500 1 x PD 60W max. (5 Vdc/3.0 A, 9 Vdc/3.0 A, 12 Vdc/3.0 A, 15 Vdc/3.0 A, 20 Vdc /3.0 A) 1 x Quick charge 3.0 18 W max. (5 Vdc/3.0 A, 9 Vdc/2.0 A, 12 Vdc/1.5A) Schneider OffGrid 730 1 x PD 100 W max. (5 Vdc/3.0 A, 9 Vdc/3.0 A, 12 Vdc/3.0 A, 15 Vdc/3.0 A, 20 Vdc/3.0 A, 20 Vdc/5.0 A) 1 x Quick charge 3.0 18 W max. (5 Vdc/3.0 A, 9 Vdc/2.0 A, 12 Vdc/1.5 A)	
K DC 5521 port	

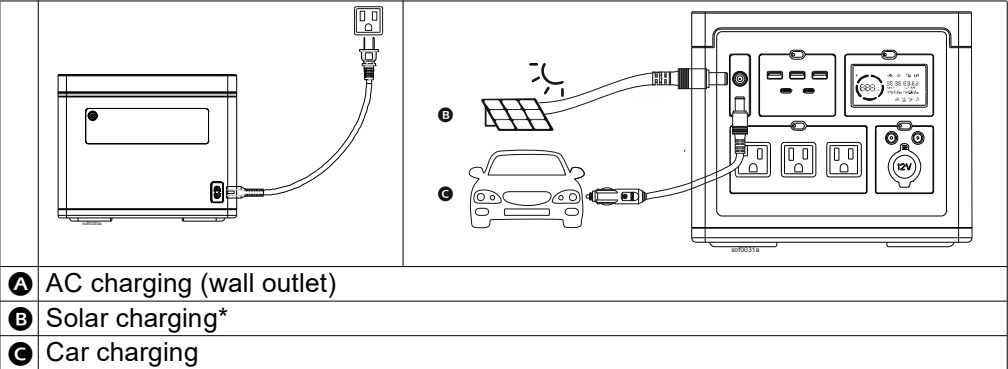
Rear, Top, and Bottom panel features

A LED LIGHT ON/OFF button	
B LED light (3 level (Low → High → SOS signal))	
C Wireless charger (15 W max.)	
D QR Code for downloading user documentation	
E AC input port	

NOTE:

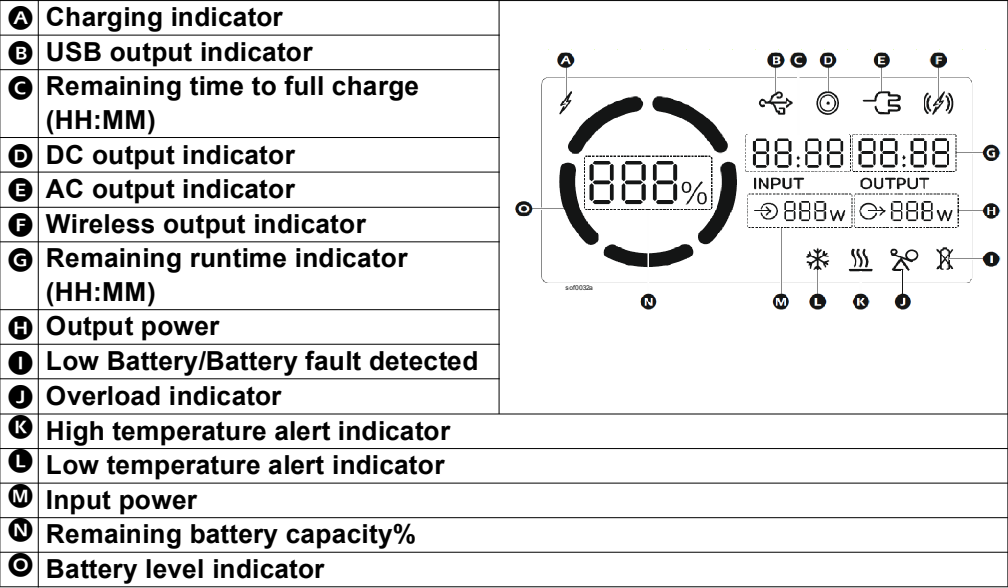
- The wireless charging power output is limited to 15 W, and charging speed is contingent on environmental factors such as location and phone case.
- Before utilizing the wireless charging function, it is necessary to activate the PPS500 by pressing any button.

Charging the PPS500



*Schneider OffGrid Portable Solar Panels PSP100/PSP200 to be purchased separately.

LCD Display



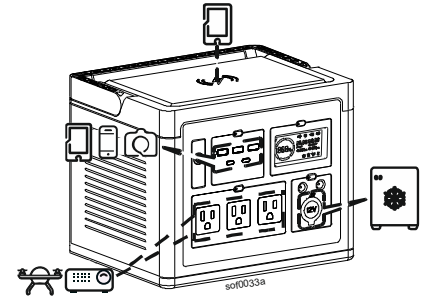
Display

- To activate the display, press the DISPLAY button, any output power button, or LED LIGHT button. The display will light up automatically when a charging input is detected.
- To deactivate the display, press the DISPLAY button again or the display will turn off automatically after 1 minute of inactivity.
- To enable the Always ON display when charging the devices, after the display lights up press and hold DISPLAY button for 10 seconds with 1 beep.
- To disable the Always ON display when charging the devices, after the display lights up press and hold DISPLAY button for 10 seconds with 2 beeps.

Connect Equipment

NOTE:

- Press respective ON/OFF buttons to turn-on the USB, AC, and car port output.
- Connect equipment like projector, drones etc to the AC output sockets. The total load connected to these sockets should not exceed 500 W for PPS500. If the connect load to these sockets exceed limits, then the Overload indicator will illuminate and the AC output will turn-off automatically. Disconnect the connected device and press the ON/OFF button again to reset the PPS500.
- Connect equipment like mini refrigerators/coolers etc., to the car port. The load connected to this port should not exceed 120 W.



Turn On the PPS500

- Press any button to illuminate the display.
- To supply power (AC or DC) to the connected equipment, press the respective ON/OFF button of the output port/socket. Refer to "Front panel features" on page 2

NOTE: All output ports/sockets can be used simultaneously.

Turn Off the PPS500

- PPS500 will automatically turn-off, when all output ports are turned off.

ECO Mode:

- AC output sockets will automatically turn-off after 10 hours, if the connected load is ≤ 5 W.
- USB and car ports will automatically turn-off after 10 hours, if the connected load is ≤ 1 W.
- AC output sockets will automatically turn-off when battery level is $< 5\%$.

Warranty

Register your product on-line at <https://warranty.apc.com>.

The standard warranty is two (2) years from the date of purchase. Schneider Electric IT (SEIT) standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of asset tags and set depreciation schedules must declare such a need at first contact with an SEIT Technical Support representative. SEIT will ship the replacement unit once the defective unit has been received by the repair department, or cross ship upon the receipt of a valid credit card number. The customer pays for shipping the unit to SEIT. SEIT pays ground freight transportation costs to ship the replacement unit to the customer.

Schneider Electric IT Customer Support Worldwide

For country specific customer support, go to the Schneider Electric Web site, www.se.com

FCC Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.