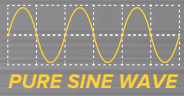




**PORTABLE**

# POWER STATION SERIES



**RECHARGES THROUGH**

-  SOLAR PANELS
-  CIGARETTE LIGHTER CHARGER
-  STANDARD US WALL PLUG



**300W** 280Wh

SD-PPS300-G1

**9 PORTS**



**500W** 560Wh

SD-PPS500-G1

**9 PORTS**

**SPECIFICATIONS & DIMENSIONS**

**300W**

SD-PPS300-G1



**500W**

SD-PPS500-G1



**Battery Capacity:** 280Wh Lithium-Ion 10.8V DC 26Ah  
**Battery Cycle Life:** 800+ times DOD≥80%

**Battery Capacity:** 560Wh Lithium-Ion 21.6V DC 26Ah  
**Battery Cycle Life:** 800+ times DOD≥80%

**AC Output Waveform:** Pure Sine Wave  
**AC Output Power:** 300W Max / 600W Peak  
**AC Output Voltage:** 110V 60Hz  
**AC Output Socket:** USA Outlet (x2)  
**DC Output 1:** 12V 3A (x3)  
**DC Output 2:** Cigarette Lighter Socket Regulated 12V 8A  
**USB Output:** USB-A 5V 2.4A (x2) / USB-C PD3.0 60W

**AC Output Waveform:** Pure Sine Wave  
**AC Output Power:** 500W Max / 1000W Peak  
**AC Output Voltage:** 110V 60Hz  
**AC Output Socket:** USA Outlet (x2)  
**DC Output 1:** 12V 3A (x2)  
**DC Output 2:** Cigarette Lighter Socket Regulated 12V 10A  
**USB Output:** USB-A QC3.0 18W (x2) / USB-C PD3.0 60W (x2)

**AC Charging Input:** AC 100~240V to DC 19V (3.78A Adapter)  
**Car Input:** DC 12~24V 5.5A Max  
**Solar Panel Input:** DC 12~24V 5.5A Max

**AC Charging Input:** AC 100~240V to DC 24V (5A Adapter)  
**DC Input:** DC 12~24V 7A Max  
**DC Output:** DC 12~24V 7A Max

**Multi-Safety Protection:** Battery Management System  
**LCD Display Function:** Real-Time Working State  
**LED Light:** 3-Step Dimmable with SOS  
**Operating Temperature:** 0°C~35°C (32°F~95°F)  
**Pass-Through Charging:** Supported

**Multi-Safety Protection:** Battery Management System  
**LCD Display Function:** Real-Time Working State  
**LED Light:** 3-Step Dimmable with SOS  
**Operating Temperature:** 0°C~40°C (32°F~104°F)  
**Pass-Through Charging:** Supported

**Weight:** 6.61 lb  
**Warranty Period:** 24 months  
**Certificates:** ETL / FCC  
**Included Parts:** 19V 3.78A AC Power Adapter Charger  
AC Power Cord  
Cigarette Lighter Charger  
User Manual

**Weight:** 12 lb  
**Warranty Period:** 24 months  
**Certificates:** ETL / FCC  
**Included Parts:** 24V 5A AC Power Adapter Charger  
AC Power Cord  
Cigarette Lighter Charger  
User Manual



**APPLICATIONS (300W/500W)**



**SMARTPHONE**  
48+/90+ Times  
5V Mobile Charger



**LIGHT**  
12/23 hrs  
20W Energy Saving Lamp



**UAV**  
8/16 charges  
Drone



**LAPTOP**  
6/12 hrs  
13" Laptop



**TV**  
3.4/6.5 hrs  
32" LCD TV



**FRIDGE**  
4/8 hrs  
60W Mini Refrigerator



**FAN**  
4.8/9.5 hrs  
50W



**LIGHT**  
6.6/12.5 hrs  
12 V 3W LED MR 16

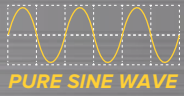


**CPAP**  
5.7/11.5 hrs on AC  
20 Hours on DC



**PORTABLE**

# POWER STATION SERIES



**RECHARGES THROUGH**

-  SOLAR PANELS
-  CIGARETTE LIGHTER CHARGER
-  STANDARD US WALL PLUG



**13 PORTS**

**1200W 1132Wh**

SD-PPS1200-G1



**13 PORTS**

**2000W 2131Wh**

SD-PPS2000-G1





## SPECIFICATIONS & DIMENSIONS

### 1200W

SD-PPS1200-G1



### 2000W

SD-PPS2000-G1



**Battery Capacity:** 1132Wh Lithium-Ion 22.2V DC 51Ah  
**Battery Cycle Life:** 1500+ times DOD≥80%

**Battery Capacity:** 2131Wh Lithium-Ion 22.2V DC 96Ah  
**Battery Cycle Life:** 1500+ times DOD≥80%

**AC Output Waveform:** Pure Sine Wave  
**AC Output Power:** 1200W Max / 2400W Peak  
**AC Output Voltage:** 120V 60Hz  
**AC Output Socket:** USA Outlet (x4)  
**DC Output 1:** 12V 3A (x2)  
**DC Output 2:** Cigarette Lighter Socket Regulated 12V 10A  
**USB Output:** USB-A QC3.0 18W (x2) / USB-A 5V 2.4A (x2) / USB-C PD3.0 60W (x2)

**AC Output Waveform:** Pure Sine Wave  
**AC Output Power:** 2000W Max / 4000W Peak  
**AC Output Voltage:** 120V 60Hz  
**AC Output Socket:** USA Outlet (x4)  
**DC Output 1:** 12V 3A (x2)  
**DC Output 2:** Cigarette Lighter Socket Regulated 12V 10A  
**USB Output:** USB-A QC3.0 18W (x2) / USB-A 5V 2.4A (x2) / USB-C PD3.0 60W (x2)

**AC Charging Input:** AC 100~240V to DC 24V (10.41A Adapter)  
**Car Input:** DC 12~24V 8A Max  
**Solar Panel Input:** DC 12~24V 8A Max

**AC Charging Input:** AC 100~240V to DC 24V (10.41A Adapter)  
**Car Input:** DC 12~24V 8A Max  
**Solar Panel Input:** DC 12~24V 8A Max

**Multi-Safety Protection:** Battery Management System  
**LCD Display Function:** Real-Time Working State  
**LED Light:** 3-Step Dimmable with SOS  
**Operating Temperature:** 0°C~40°C (32°F~104°F)  
**Pass-Through Charging:** Supported

**Multi-Safety Protection:** Battery Management System  
**LCD Display Function:** Real-Time Working State  
**LED Light:** 3-Step Dimmable with SOS  
**Operating Temperature:** 0°C~40°C (32°F~104°F)  
**Pass-Through Charging:** Supported

**Weight:** 24 lb  
**Warranty Period:** 24 months  
**Certificates:** ETL / FCC  
**Included Parts:** 24V 10.41A AC Power Adapter Charger  
AC Power Cord  
Cigarette Lighter Charger  
Aviation Port to MC4 Cable  
User Manual

**Weight:** 37 lb  
**Warranty Period:** 24 months  
**Certificates:** ETL / FCC  
**Included Parts:** 24V 10.41A AC Power Adapter Charger  
AC Power Cord  
Cigarette Lighter Charger  
Aviation Port to MC4 Cable  
User Manual



## APPLICATIONS (1200W/2000W)



**COFFEE MAKER**  
2/3.5 hrs  
20W Energy Saving Lamp



**UAV**  
32/60 charges  
Drone



**LAPTOP**  
24/45 hrs  
13" Laptop



**TV**  
13/24 hrs  
32" LCD TV



**FRIDGE**  
16/40 hrs  
60W Mini Refrigerator



**FAN**  
19/35 hrs  
50W



**CPAP**  
23/43 hrs on AC  
20 Hours on DC



**PROJECTOR**  
16 hrs (2000W)  
12 V 3W LED MR 16



**MICROWAVE**  
70 min (2000W)  
12 V 3W LED MR 16

**PORTABLE**

# SOLAR PANEL SERIES

**CHARGES THROUGH**

-  **USB-A**
-  **USB-CDC OUTPUT**
-  **STANDARD US WALL PLUG**



**4 MONOCRYSTALLINE SILICON PANELS**

**80W**

SD-SP80-G1

**5 MONOCRYSTALLINE SILICON PANELS**

**100W**

SD-SP100-G1



**5 MONOCRYSTALLINE SILICON PANELS**

**200W**

SD-SP200-G1



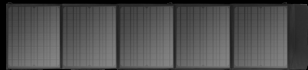
## SPECIFICATIONS & DIMENSIONS

**80W**

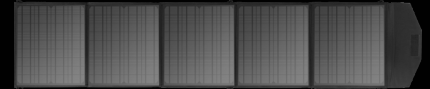
SD-SP80-G1


**100W**

SD-SP100-G1


**200W**

SD-SP200-G1



Peak Power:	80W	100W	200W
Cell Efficiency:	22%	22%	22%
Solar Cell Type:	Monocrystalline	Monocrystalline	Monocrystalline
Voltage at Max Power (Vmp):	18V	18V	22.5V
Current at Max Power (Imp):	4.44A	5.6A	8.9A
Open Circuit Voltage (Voc):	21.6V	21.6V	28V
Short Circuit Current (Isc):	4.8A	6A	9.6A
USB-A Output:	QC3.0	QC3.0 / 5V 2.4A	QC3.0 (×2)
USB-C Output:	PD45W	PD60W	PD18W
Operating Temperature:	14°F~149°F	14°F~149°F	14°F~149°F
Number of Panels:	4	5	5
Dimensions (unfolded):	63.3 × 15.6 × 0.16in	78.5 × 15.6 × 0.16in	115 × 21 × 0.16in
Dimensions (folded):	15.6 × 14.4 × 2.4in	15.6 × 14.4 × 2.8in	21 × 21 × 3.5in
Weight:	7.3 lb	8.5 lb	17.5 lb
Materials:	- PET Laminated Monocrystalline Solar Panels - Oxford Cloth 900D	- PET Laminated Monocrystalline Solar Panels - Oxford Cloth 900D	- PET Laminated Monocrystalline Solar Panels - Oxford Cloth 900D
Warranty Period:	24 months	24 months	24 months
Included Parts:	- 80W Solar Panel - DC Connectors (×10) - DC5521 to DC5521 Cable - DC5521 to MC4 Cable - User Manual	- 100W Solar Panel - DC Connectors (×10) - DC5521 to DC5521 Cable - DC5521 to MC4 Cable - User Manual	- 200W Solar Panel - DC Connectors (×10) - DC5525 to DC5525 Cable - XT60 to M20/XT60/Anderson Multi-port Cable - User Manual


**PORTABLE**

**ECO-FRIENDLY**

**LIGHTWEIGHT**

**WATERPROOF**