



SUNPOWER
RENEWABLES











ARES

Portable Lithium Solar Generator

AC OUTPUT



 4.12 Hours Battery Drill (500W)	 51.50 Hours LED Light (40W)
 51.50 Hours CPAP (40W)	 2.58Hours Microwave (800W)
 34.33 Hours TV (60W)	 10.30 Hours Fridge (200W)
 114.44 Hours Fan (18W)	 10.30 Hours Desktop PC (200W)

2060Wh
STORAGE CAPACITY

2400W
MAX OUTPUT

4800W

SURGE OUTPUT
800W

SOLAR INPUT

4000+

CYCLE LIFE



Technical Specifications

GENERAL PARAMETERS

Battery Type	Lithium Ion Phosphate 4000 + cycles to 80%
Rated Capacity	51.2V, 40Ah/2048Wh
Net Weight	≈ 26kg
Product Size	430mm*300mm*287mm
Operating Temp	14 to 104°F (-10 to 40°C)
Charging Temp	32 to 104°F (0 to 40°C)
Storage Temp	-4 to 113°F (-20 to 45°C)

INPUT

AC Charge Input Voltage	AC 200V-260V~6.5A, 50Hz
AC Charge Input Power	AC 1500W
Solar Charge Input	DC 12V-55V, 800W Max, 25Amps Max
Car Charger	DC 12V/24V, 192W Max

OUTPUT

AC Output Voltage*4	230V~50Hz
Rated Output Power	2400W
After Being Connected AC Output	4800W
Output Waveform	Pure Sine Wave
UPS Switching Time	10ms
Cigarette Lighter Socket Output	12V≈10A
DC Output*2	12V≈3A (Each)
USB-A Output*2	5V≈3A, 9V≈2A, 12V≈1.5A, 18W Max
USB-C Output*2	5V/9V/12V/15V/20V≈3A, 20V≈5A, 100W Max
Wireless Charge	10W
LED Light	5W
Physical Protection	IP54



**Financial Review
Most Innovative
Company**



**Good Design
Award Gold**



**59th Australian
Export and
Investment
Award**



**Governor of
Victoria Export
Award for
Sustainability**



**AFR BOSS
Best Place to
Work Award**



**Best Social
Impact
Innovation at
Finder Awards**



**Victorian
Exporter of
the Year
2023**



**Sustainability
and Green
Economy
Award 2023**

Sun-AP Ecopower is the renewable energy solutions company. Our modern, efficient, and smart solar energy products are cost-effective, long-lasting & and environment-friendly with best-in-class technology. From commercial, and residential to off-grid applications, our products are designed to offer energy independence anytime, anywhere.

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