



Sun-AP ECOPOWER



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 ACOutput	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

