

PS1800

1800W Portable Power Station

- 1.5 Hrs Fast Charging
- LiFePO4 Prismatic battery cell, with 3000 ultra-long cycle times
- PV panel with mppt technology, efficiency up to 99.5%
- Bidirectional Inverter Technology
- BMS eight safety protection
- Intelligent internal air cooling system
- 24/7 UPS, switch to back-up power within 14ms
- Monitor Portable Power Station through WIFI/Bluetooth/APP
- Support constant power mode, which can drive up to 2400W equipment



Technical Parameter

Model	PS1800	UK	EU / FR / AU / ZA
Net weight	≈19.4KG(≈42.7lbs)		
Dimensions (W*H*D)	432*270*300mm(17*10.6*11.8in)		
Battery capacity	1229Wh, 51.2V===, 24Ah		
Wi-Fi	Supported		
AC Output(Inverter mode)	Pure sine-wave, total 1800W (peak 3000W), 220-240V~, 50Hz/60Hz, 13A		Pure sine-wave, total 1800W (peak 3000W), 220-240V~, 50Hz/60Hz, 12A
AC Output(Bypass mode)	220-240V~, 50Hz/60Hz, 1800W Max., 10A Max.		
Output USB-A1/A2	5V===3A, 9V===2A, 12V===1.5A, 18W Max.		
Output USB-A3/A4	5V===2.4A, 12W Max.		
Output USB-C1/C2	5/9/12/15V===3A, 20V===5A, 100W Max.		
Car charger	12.6V===10A, 126W Max.		
DC5521 Output *2	12.6V===3A		
AC Input Power	1800W Max., 10A		
AC Input Voltage	220-240V~, 50Hz/60Hz		
PV charge	400W Max., 13-45V===12A		
Car charging input	12V/24V battery supported, 8A by default		
AC charging power	1200W Max.		
PV / Car charging power	400W Max.		
AC + PV charging power	1200W Max.		
Cell Type	Lithium iron phosphate battery(LiFePO4)		
Life cycle*	3000 cycles		
Protection type	over temperature protection, low temperature protection, over discharge protection,overcharge protection. over lod protection,short circuit protection, over current protection		
Optimal operating temperature	20°C~30°C (68°F~86°F)		
Discharge temperature range	-20°C~45°C (-4°F~113°F)		
Charge temperature range	0°C~45°C (32°F~113°F)		
Storage ambient temperature	-20°C~45°C(20°C~30°C preferred) [-4°F~113°F(68°F~86°F preferred)]		
Certification	CBCEFCESSEPSUKCEICCSAC65,TSCA, RoHS,Reach, WEEE, POPS, UN38.3,MSDS		

Cycle Life*:Test conditions, 95% DOD, 1.0C charge & 1.0C discharge at +25±3°C.