

PS3000

3000W Portable Power Station

- 1.6 Hrs Fast Charging
- LiFePO₄ Prismatic Cell, with 4000 ultra-long cycle times
- BMS eight safety protection
- 24/7 UPS, switch to back-up power within 14ms
- Expandable Capacity, supporting 6 extra batteries to reach a total of 17.5kWh
- 10 Years Lifespan
- 30dB Low Working Noise
- Support maximum 2500W charging power (AC+PV)
- APP remote monitor through WIFI/Bluetooth
- AC load frequency smart following off-grid, and App control 50 or 60Hz



Technical Specification

Model	PS3000	UK	EU / FR / AU / ZA
Net weight	≈34KG(≈75lbs)		
Dimensions (W*H*D)	536*303*343mm(21*12*13.5in)		
Battery capacity	2560Wh, 51.2V, 50Ah		
Wi-Fi	Supported		
AC Output(Inverter mode)	Pure sine-wave, total 3000W (peak 5000W), 220-240V~, 50Hz/60Hz, 13A	Pure sine-wave, total 3000W (peak 5000W), 220-240V~, 50Hz/60Hz, 16A	
AC Output(Bypass mode)	220-240V~, 50Hz/60Hz, 2300W 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.		
Anderson terminal	12.6V=30A Max., 378W Max.		
Car charger	12.6V=10A, 126W Max.		
DC5521 output *2	12.6V=3A		
AC Input Power	2300W Max., 10A		
AC Input Voltage	220-240V~ 50Hz/60Hz		
PV charge *2	800W Max, 13-45V=12A		
Car charging input	12V/24V battery supported, 8A by default		
AC charging power	2100W Max.		
PV / Car charging power *2	800W Max.		
AC+PV charging power	2688W Max.		
Cell Type	Lithium iron phosphate battery(LiFePO ₄)		
Life cycle*	4000 cycles		
Protection type	over temperature protection, low temperature protection, over discharge protection, overcharge protection, over load 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)]		
Power input/output	40-58.8V, 50A charge (Max.), 70A discharge (Max.)		
Nominal energy	2560Wh, support 6 expansion battery packs at most, separate selling.		
Certification	 CA65, TSCA, RoHS, Reach, WEEE, POPS, UN38.3, MSDS		

Cycle Life*: Test conditions, 95% DOD, 0.5C charge & 1.0C discharge at +25±3°C.