



Solarcraft UPS Power Systems provide uninterruptible power for critical electronics. When utility power is interrupted, surges, or fails, Solarcraft's UPS systems protect your equipment from shut down and damage. We offer power solutions for both AC and DC backup power.

Electrical Information:	
AC Input Values	120VAC or 240VAC (1Φ)
AC Input Range:	100-130VAC or 180-265VAC (1Φ)
DC Output Voltages:	12VDC or 24VDC (-48VDC available)
Absorption Voltages:	14.4V or 28.8V
Float Voltages:	13.8V or 27.5V
Operating Temperature:	-40° to 60°C / -40° to 140°F (Full rated output up to 40°C / 104°F)
Max Load Capacity:	250 Watt Load
Max Available Charging Current (no load)	30A@12VDC or 16A@24VDC
Output Breakers:	5A, 3A, 3A
Connectivity:	Bluetooth for monitoring voltage, current, history, and adjusting charging parameters

Battery Information:	
Battery Description:	110Ah, 12V, Maintenance-Free, Deep-Cycle, Sealed (VRLA) Gel
Rated Capacity:	1.3kWh per battery; 20hr discharge @25°C / 77°F
Cycle Design Life:	400 Cycles @ 80% Discharge 600 Cycles @ 50% Discharge 1500 Cycles @ 30% Discharge

Enclosure Materials and Construction:	
Material	1/8" Aluminum all welded construction
Finish	White vinyl powder coating
Ingress Rating	Type 4X for indoor and outdoor applications

For other Input/Output Options call 877.340.1224

Features:

- ▶ True online topology with zero transfer time
- ▶ Surge suppression
- ▶ Bluetooth Smart monitoring
- ▶ High efficiency, temperature compensated charging
- ▶ Recovery function for fully discharged battery
- ▶ Enclosure mounting for pole, wall, and Rohn tower

Optional Functionality: Remote Monitoring, Maintenance Bypass, Alarms, Low Voltage Disconnect (LVD), Inverters, Voltage Converters, or other Electronics.

Enclosure Options: Lifting eyes, gas door spring, Pedestal Base, Skid Base, Sunshades, and Interior Lighting.

250 Watt UPS Systems Specifications

Ordering Options: order using the part number below							
AC Input	DC Output	2-Battery	4-Battery	6-Battery	8-Battery	10-Battery	12-Battery
120 VAC	12VDC	UPS-120-12-250-2	UPS-120-12-250-4	UPS-120-12-250-6	UPS-120-12-250-8	UPS-120-12-250-10	UPS-120-12-250-12
	24VDC	UPS-120-24-250-2	UPS-120-24-250-4	UPS-120-24-250-6	UPS-120-24-250-8	UPS-120-24-250-10	UPS-120-24-250-12
240 VAC	12VDC	UPS-240-12-250-2	UPS-240-12-250-4	UPS-240-12-250-6	UPS-240-12-250-8	UPS-240-12-250-10	UPS-240-12-250-12
	24VDC	UPS-240-24-250-2	UPS-240-24-250-4	UPS-240-24-250-6	UPS-240-24-250-8	UPS-240-24-250-10	UPS-240-24-250-12

Runtime Hours @ 25°C / 77°F						
Load	2-Battery	4-Battery	6-Battery	8-Battery	10-Battery	12-Battery
50 Watts	48	108	156	216	270	324
100 Watts	24	48	72	108	133	162
150 Watts	14	32	48	64	80	108
200 Watts	11	24	36	48	60	72
250 Watts	8	17	29	38	48	57

Enclosure Dimensions	2-Battery or 4-Battery	6-Battery or 8-Battery	10-Battery or 12-Battery
Backplane Dims.	27" x 13"		
Area for End-User Devices	10" x 13"		
Enclosure Outside Dimensions	30"w x 30"h x 14"d	30"w x 42"h x 14"d	30"w x 54"h x 14"d
			