



UPS Enclosure for Solar Panels

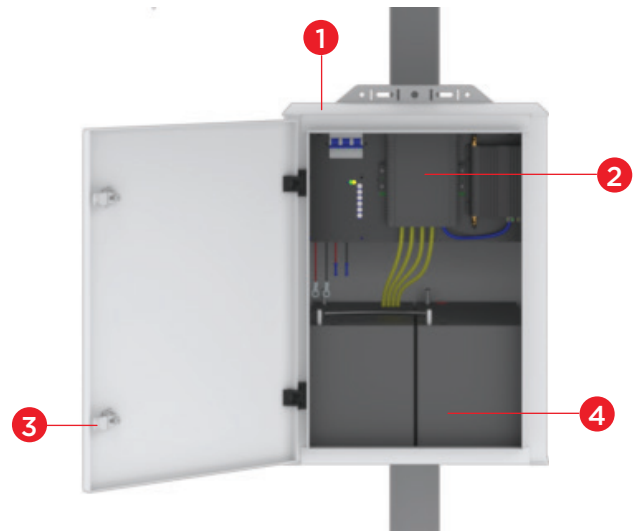
SXU24V

Durable aluminum construction

Features

- 1 Weatherproof enclosure – aluminum construction with durable, attractive, powder coated finish
- 2 Batteries, PoE injectors, converters, charging equipment, and other devices are self-contained and safeguarded against environmental factors and tampering
- 3 Lockable wing-knob; locks with pad lock (pad lock not included)
- 4 Up to 11 days battery backup when using high-tech lithium iron phosphate batteries (LiFePO4)*

*Actual backup time will vary based on load, battery size and configuration



UPS Specifications

Output	Boost Charge Voltage	14.4V
	Float Charge Voltage	13.6V
	Voltage Adjustment Range	13 - 14.7V
	Battery Type	Lead acid, lithium ion, lithium phosphate (lifePo4)
	Output Current (Typical)	24.3A
Input	Voltage Range	90 - 132VAC / 180 - 264VAC selected by switch
	Frequency Range	47 - 63Hz
	Power Factor (Typical)	>0.65 (with P type) @ 230VAC
	AC Current (Typical)	8A/115VAC - 4A 230VAC
	Inrush Current (Typical)	Cold start 60A
Protection	Short Circuit	O/P built-in fuse (FS100)
	Reverse Polarity	By internal fuse
	Over Voltage	16 - 18V Shuts down O/P voltage; re-power on to recover
Safety & EMC	Safety Standards	IEC60335-2-29 CB approved by TUV (except for 48V), UL60950-1, EAC TP TC 004 approved
	Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25/ 70% RH
	EMC Emission	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2,-3 (only P type), EAC TP TC 020
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A, EAC TP TC 020

Enclosure Specifications

Enclosure Size	H 22" x W 16" x D 14"
Battery Capacity	(2) 100Ah batteries (not included)
100Ah Battery Size	H 9.2" x W 12.3" x D 6.7"
Enclosure Weight	13 lbs.
Pole Size	4" to 6" (recommended, straps not included)
Material	Aluminum
Operating Temperature	-40°F - 140°F

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation.
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