



UPS Enclosure for Solar Panels

SXU24VKIT

Durable aluminum construction enclosure,
4G router*, charge controller, N4NRM2TB NVR

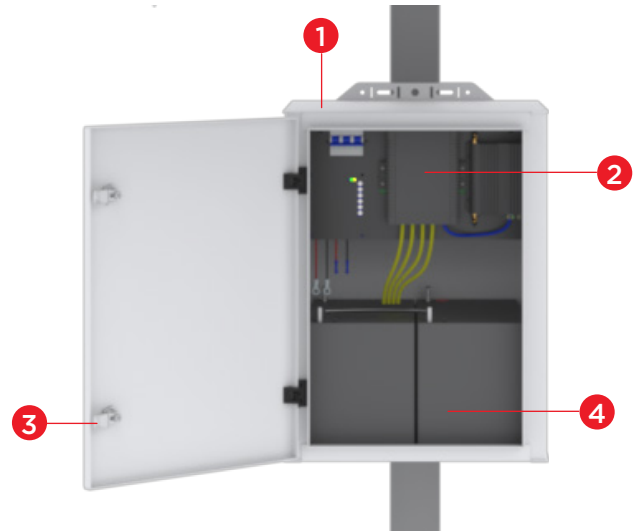
Features

- 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)*. The N4NRM2TB and 4G router powered by CradlePoint.

*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

N4NRM2TB Specifications

Network	Network Bandwidth	80Mbps
	P2P/Dynamic DNS	Free US-Based Speco P2P and DDNS service
	Network Protocols	TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP
Network Access	Mobile	iOS*/Android™ via Speco Blue App
	Web Viewer	Google Chrome*, Microsoft Edge*, Firefox*
	VMS/CMS	Speco Blue VMS
	Max. User Access	Max 64 users access
Features	Digital Zoom	Live and playback, free size
	S.M.A.R.T.	Temperature, power on time, bad sectors, and health

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.

Revised 2/24/25