

Power

Node Power Supply Enclosure Indoor/Outdoor Power System Enclosure



- For low power applications including MDU, node segmentation and plant extensions
- Ideal for installations with space restrictions
- 22% smaller than Alpha's standard PWE-3 system
- Convenient pole, wall, floor and rack mount options
- Backwards compatible with existing Status Monitoring Platforms
- Optional AlphaGuard™ battery balancer and SPI-RF service power inserter

The Node Power Supply (NPS) Enclosure is an integrated CableUPS® system for use in Multi Dwelling Units (MDU), business parks, node segmentation, and plant extension applications. The NPS is specifically designed for indoor or outdoor installations requiring lower power, a smaller footprint, and embedded DOCSIS or proprietary status monitoring capability. The NPS can be conveniently mounted in an equipment rack, on a wall, on a pole, or even to a floor/pedestal by using the appropriate installation kit. The NPS is an ideal solution for back-up power where traditional equipment is too large and bulky.

Alpha Node Power Supply Enclosure



Mechanical

Dimensions:	
(in):	19W x 22.75H x 14.14D
(mm):	483W x 578H x 359D
Material Specifications:	
	Exterior powdercoated aluminum.
Vent Screen:	
	Mesh fabric with .005" x .005" (.12mm x .12mm) opening size to minimize snow, water and dust ingress
Door and Lid Seal:	
	Poron gasketing
Color:	
	Gray (Custom colors available)
Lid:	
	Removable
Door:	
	Hinged removable
Tamper Switch:	
	Optional
Battery Slide Tray:	
	Optional

Configurations

Model	Installation	Description
NPS-R	Indoor	Compatible with EIA 19" and 23" mounting rails
NPS-W1	Indoor	Wall-mounted version
NPS-W2	Outdoor	Wall-mounted version
NPS-F	Indoor	Floor-mounted version
NPS-P	Outdoor	Pole-mounted version

Estimated Runtime (Amps)	1	2	3	4	5	6	7	8
85 GXL, 60V Runtime (hr):	15.8	9.6	7.4	5.7	4.4	3.7	3.1	2.7
85 GXL, 90V Runtime (hr):	10.0	6.1	4.6	3.6	2.8	2.3	-	-
115 HPL, 60V Runtime (hr):	20.0	12.6	9.7	7.6	5.9	5.0	4.2	3.7
115 HPL, 90V Runtime (hr):	12.7	8.1	6.1	4.8	3.7	3.1	-	-

*Note: Battery temperature = 77°F/25°C, Load PF = 0.92, Accuracy = 0.25 hour

Node Power Supply Enclosure Mounting options

Rack Mount

Wall Mount

Pole Mount

Optional Battery Configuration

Node Power Supply (NPS) Enclosure with 115 HPL Batteries



Options



Service Power Inserter (SPI-RF) with RF port



AlphaGuard™ CMT



Cooling Fan

For contact information visit www.alpha.com

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