

# NterpriseIP™ Solution

## Key Features

### Standard Features

- Scalable with built in redundancy
- Two battery trays offer a wide selection of back-up times
- Extensive monitoring
  - Web based interface
  - Programmable relay contacts
  - SNMP interface
  - Local and remote control
- Pre-wired in factory for maximum DC system capacity
- Single AC input interface and TVSS for extra protection
- Integrated grounding for all system components
- Rack space for your equipment
- Easy to configure and install

### Options

- 1-2 kVA AC UPS (online) for AC powered network equipment
- Battery management and failure prediction monitor
- Extended battery back-up time
- Internal distribution cables for specific configurations

\* The Cisco Compatible logo signifies that the NterpriseIP™ Solution has undergone interoperability testing by Emerson Network Power together with Cisco and a third-party test house based on testing criteria set by Cisco. Emerson Network Power is solely responsible for the support and warranty of its product. Cisco makes no warranties, express or implied, with respect to the NterpriseIP™ Solution or its interoperability with the listed Cisco product(s) and disclaims any implied warranties of merchantability, fitness for a particular use or against infringement.

## The NterpriseIP™ Solution Meets Cisco Technology Developer Partner Program Test Criteria for Interoperability with Cisco Call Manager 4.1 (2), and Cisco Call Manager 4.0 (2), Cisco Unity, and Cisco Unity Bridge

The AC-powered DC UPS offers significant benefits/advantages to the Cisco Catalyst series user by combining the adaptive power architecture of the DC solution with an innovative package for a simple plug-and-play deployment. The system is comprised of pre-packaged discrete building blocks determined by the customer's requirements, which drives the optimal system for a specific business application.

### Eliminate the Infrastructure Issues Associated with IP Technology Deployment

With the NterpriseIP™ Solution from Emerson Network Power, enterprises can deploy, integrate and expand VoIP and PoE applications more quickly, reliably and cost effectively than ever before. The NterpriseIP™ Solution delivers:

- High availability
- Small footprint for tight wiring closets
- Full monitoring, management and control capabilities
- Support for future PoE devices and equipment powering needs
- True costs savings through higher DC efficiency, improved cooling and progressive power growth with increasing application demands



NterpriseIP™ Front View



The NterpriseIP™ Solution has tested compatible with Cisco Call Manager 4.1(2), and Cisco Call Manager 4.0 (2), Cisco Unity, and Cisco Unity Bridge.\*

### Adaptive, high-availability power system for IP Telephony

The need for a reliable power infrastructure has never been more important, and IT professionals are discovering that DC Power is the key. These experts are recognizing the benefits a DC UPS can provide, especially for applications requiring Power over Ethernet (PoE). But modernizing the infrastructure's technology has proven to be a challenge in designing high-availability, cost efficient data networks that are as reliable as legacy voice networks. Now imagine an integrated DC UPS solution that offers "Six Nines" (99.9999%) reliability. One that delivers powerful performance and efficient thermal management to protect your investment. A complete DC UPS solution that will support all of your current and next generation requirements, while significantly reducing costs.

The NterpriseIP™ Solution is available in three different DC power output capacities — 4500W, 6000W and 15000W. All three systems feature a totally pre-wired, self-contained 19" EIA cabinet including an AC powered DC UPS with battery back-up, space for the Cisco Catalyst, cabling and accessories for a plug-and-play installation. The cabinet's architecture is easy to configure, deploy and expand. Therefore, costly sizing errors will never be an issue.

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## Selecting the NterpriseIP™ Solution for the Cisco Catalyst 4500

### Based on redundant (n+1) configuration

Catalyst 4500 Chassis	Max # PDs supported at 17.3W	Data Power (max) W	In-line Power at 17.3W W	Total Power	DC config 4500W	DC config 6000W	DC config 15000W	Number of Rectifiers		Battery Back-up options in single cabinet	Input AC	
								750W 120V	1500W 208V		120V	208V
		NOTE										
All	Data only	1200	0	1200				3	2	105min 300min 360min	1X40A	1X20
4503	96	405	1660	2065				4	3	42min 60min 75min 90min 130min 150min	1X40A	1X20A 2X30A
4506 4507R	120	920	2080	3000					3	30min 40min 60min 75min 90min 120min		1X40A 2X30A
	207	920	3580	4500				4				
4510R	240	920	4152	5072					5	30min 40min 60min 90min		1X60A 2X30A
	277	1200	4800	6000				6				
	364	1200	6300	7500				7				
	384	1200	6643	7843					7	27min 43min 60min		1X70A 3X30A
Additional power available for other devices							6000W					1X100A 4X30A

Notes: Max. data power is calculated at the input to the 1400WDC- P power supply using 75% efficiency. The calculation includes the max. possible configuration (chassis power + Supervisory Engine(s) power + power for full complement of 10/100/1000 PoE line cards).

The NterpriseIP™ is designed and manufactured by Emerson Network Power Energy Systems, North America, Inc. and marketed by Liebert Corporation.

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