

iConverter 1-Module Power Chassis



Modules not included

The compact 1-Module *iConverter* Power Chassis supports a single *iConverter* module and is powered by an external AC power adapter or external DC power source (20 to 60VDC). The 1-Module Power Chassis is designed for network edge, Customer Premises or Central Office deployments where low-profile, low cost and flexible upgrades are important.

Any *iConverter* single-slot module can be installed in the 1-Module Power Chassis and function as a standalone unit. The unit can be rack, wall, or DIN-rail mounted with optional mounting kits.

The chassis supports managed edge demarcation applications when an *iConverter* Network Interface Device (NID) plug-in module with integrated management (such as the 10/100M2 shown in the photos above) is installed in the chassis. Models with “Dying Gasp” support allow NIDs to send a power failure alarm in the event of power loss.

KEY FEATURES

- 1-Module Power Chassis with external AC adapter power supply or direct DC power
- DC input supports 20 to 60VDC via three pin terminal connector
- Houses all single-slot models of hot-swappable *iConverter* media converter and switch modules
- NEBS Level 3 Compliant
- Optional wide temperature range of -40 to +60° C
- Management is available with the installation of an *iConverter* NID plug-in module with integrated management
- Models 8241-X and 8243-X support Dying Gasp (Power Loss Trap) through a management module
- Wall-mount or table-top options
- DIN-rail mounting option available
- Lifetime Warranty and free 24/7 Technical Support

SPECIFICATIONS

Model Number	8240-1	8240-2	8242-1	8242-2	8242-9
Model Number with Dying Gasp	8241-1	8241-2	8243-1	8243-2	8243-9
Module Capacity	1				
Power Supply Type	Wall Power Supply	Tabletop Power Supply	Tabletop Power Supply	Tabletop Power Supply	Internal DC Supply
Power Supply Connector	US Plug	IEC 320 Socket	US Power Cord	IEC 320 Socket	3 Position Terminal
Power Requirements	120VAC / 60Hz 0.13A @ 120VAC	100 to 240VAC 50 / 60Hz 0.19A @ 120VAC	120VAC / 60Hz 1.0A @ 120VAC	100 to 240VAC 50 / 60Hz 1.0A @ 120VAC	20 to 60VDC* 0.6A Max
Dimensions	W: 3.8" x D: 5.5" x H: 1.0"		W: 3.8" x D: 6.0" x H: 1.0"		
Weight	1.5 lbs.				
Compliance	UL, CE, FCC Class A, NEBS Level 3				
Temperature	Standard Operating: 0 to 50° C Wide Operating: -40 to 60° C				
Humidity	5 to 95% (non-condensing)				
Altitude	-100m to 4,000m				
MTBF (hrs)	250,000	100,000	260,000	260,000	2,700,000

* Effective range is 18 to 60VDC when using a module without dying gasp support

ORDERING INFORMATION

Chassis Type	1-Module Chassis 120VAC (US)	1-Module Chassis 100-240VAC (Univ)	1-Module Chassis 120VAC (US)	1-Module Chassis 100-240VAC (Univ)	1-Module Chassis 48VDC
1-Module Chassis	8240-1 (3.3 Watts)	8240-2 (3.3 Watts)	8242-1 (8.3 Watts)	8242-2 (8.3 Watts)	8242-9 (8.3 Watts)
1-Module Chassis w/Dying Gasp Support	8241-1 (5 Watts)	8241-2 (5 Watts)	8243-1 (8.3 Watts)	8243-2 (8.3 Watts)	8243-9 (8.3 Watts)
Wall-Mount Hardware Kit	8249-0				
19" Rack Mount Shelf	8260-0				
DIN Rail Mounting Kit	8250-0				
NEBS Grounding Kit	N/A		9123-0		

For wide temperature (-40 to 60° C) add a "W" to the end of the model number.
Consult factory for extended temperature (-40 to +75° C) models.

Consult the [iConverter Power Calculator](#) to ensure proper chassis wattage is selected.