



an EnerSys® company

eLimiter+

100VA Class 2 Distribution system



- Modular line powering system designed for remotely powering iDAS, WiFi and ONTs in POL applications
- Meets NEC class 2 and communication circuit requirements for limited power circuits
- Dramatically reduces CAPEX costs for deployment and simplifies installation of network equipment requiring remote powering
- Built in DC-DC converter eliminates the need for externally mounted converter devices, significantly reducing network planning and engineering costs
- Industry leading power density, enabling up to 36 channels in a compact 19/23" 2RU footprint
- High reliability, convection cooled design with optional fan tray
- Cordex® CXCi HP system controller provides advanced remote web-based monitoring and control features

eLimiter+ is a unique, modular line powering solution that meets the NEC requirements for both class 2 outputs and communications circuits.

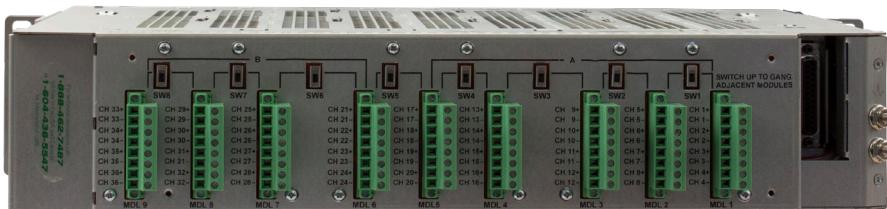
The system can be used to distribute -57Vdc in data cable raceways to remotely power network equipment without the need to utilize conduit. This dramatically reduces CAPEX costs for deployment, simplifies installation of equipment and increases overall speed of deployment.

The eLimiter+ Class 2 Distribution system has an option to integrate a fully functional Cordex® CXCi HP controller. The Cordex® controller enables remote monitoring and control of the eLimiter+ system. Remote shutdown of channels and reset of modules within the system are some of the features embedded within the controller.

eLimiter+ 100VA Class 2 Distribution system

P/N: 0120028-001

Electrical		Environmental	
Input Voltage:	-40 to -60Vdc	Temperature:	Operation with forced air cooling: -40 to 65°C (-40 to 149°F) with minimum cabinet air flow @ 200LFM Operation with convection cooling: -40 to 45°C (-40 to 122°F) single shelf operation only or separated by 1RU baffle
Recommended Breaker Size:	2 x 70A feed	Storage:	-40 to 85°C (-40 to 185°F)
Output Voltage:	-57Vdc	Humidity:	0 to 95% RH non-condensing
Power:	98W nominal per output ±2W tolerance (4 outputs per module)	Elevation:	-500 to 2800m (-1640 to 9186ft)
Efficiency:	>92%	Heat Dissipation:	<118 BTU per hour/module
Regulation:	<2% no load to full load <1% line	Performance / Features	
Noise:	Wide Band: <50mV RMS (10kHz to 10MHz) <100mV pk to pk (10kHz to 100MHz)	Communication Ports:	CAN: Smart Peripherals
	Acoustic: <60dBA @ 1m (3ft), 55°C		Ethernet: 10/100 Base-T for TCIP/SNMP features
Mechanical			
Quad Output Power Module			
Dimensions:	mm: 386H x 35W x 283D inches: 3.4H x 1.4W x 11.1D	Alarm Relays:	Form C major Form C minor Form C fan tray alarm
Weight:	0.61kg (1.4lbs)	Tri Color LED:	System ok (green) Minor alarm (yellow) Major alarm (red)
Shelves			
19" Shelf - 9 Modules - P/N: 0300156-001			
Dimensions:	mm: 88H x 435W x 432D inches: 3.5H x 17.1W x 17D	Safety:	CSA/UL 60950-1
Weight:	5.45kg (12lbs)	EMC:	ETSI 300 386
Connections:	Input: HOT: 2x sets, 1/4" holes on 5/8" centers RTN: 2x sets, 1/4" holes on 5/8" centers Output: 9x 8 posn. Screw door TB (12-26AWG)	Emissions:	CFR47 (FCC) Part 15 Class A
		Immunity:	EN 61000-4-2, 4-3, 4-4, 4-5, 4-6
		NEBS/Telcordia:	GR-1089-CORE, GR-63-CORE
Agency Compliance			
Ordering Information			
CXGi HP Controller:	P/N: 0180053-001	Air Baffle:	P/N: 0300055-003
Fan Tray:	P/N: 0300055-002	Blank, 2 Module:	P/N: 0380070-001
Associated Products Ordering Information			
Aggregator Unit Class 2 Circuit Aggregation Device:	P/N: 00120046-001		



Rear panel view



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