



COMMUNICATION Systems

Micro Power Systems [48VDC]



MPS - MICRO POWER SYSTEMS **25 to 100 Amps.**

Typical Applications

- **CELLULAR & PCS**
- **DISTRIBUTED NETWORKS**
- **CUSTOMER PREMISES**
- **PABX**
- **MICROWAVE / FIBER TRANSMISSIONS**
- **COMMUNICATION CABINETS**

The MPS are compact, full featured power systems designed for today's communication environments where space is limited.

Features

- **Complete package** – Rectifiers and DC distribution.
- **Compact** - complete system is 3RU, or 5RU, 19" / 23" rack mount.
- **Flexible** - designed to operate with or without batteries.
- **Expandable** – add a rectifier for redundancy or capacity.
- **Ease of installation** - pre-wired and tested for fast installations.
- **Optional LVD** – for use with batteries.



*Smaller capacities available.
MPS – SERIES 3.*

Related Products



SMALLER CAPACITY MPS

- **7-25 Amps**
- **1 RU**



Technical Data

Model		Series 3	
		MPS48/25-3	MPS48/30-3
Input		MPS48/50-3	
	Voltage:	120VAC	208 / 240VAC
	Protection:		Input breaker
	AC Connections:		6 FT cable
Output			
	Number of Rectifiers:		1 – Expandable to 2
	Current Maximum:	25A	30A
	Number of Circuits:		8
	Protection:		Plug-in breakers or Plug-in fuse
	Load Connection:		Threaded bus bar (1/4-20)
	Return Connection:		Threaded bus bar (5/16-18)
Model		Series 5	
		MPS48/50	MPS48/60
Input		MPS48/100	
	Voltage:	120VAC	208 / 220 / 240VAC
	Protection:		Input breaker per rectifier
	AC Connections:		(2) 6 FT cables
Output			
	Number of Rectifiers:		2
	Current Maximum:	50A	60A
	Number of Circuits:		(4) A Side (4) B Side
	Protection:		Plug-in breakers or Plug-in fuse
	Load Connection:		Threaded bus bar (1/4-20)
	Return Connection:		Threaded bus bar (5/16-18)
Physical		Series 3	Series 5
	Dimensions:	17" W x 17.5" D x 5.25" H (3RU)	17" W x 17.5" D x 8.75" H (5RU)
	Weight:	45 lbs	75 lbs
	Ambient Temp.:		0-50 Deg C
	Rack Mounting:		19" or 23" rack
Alarm			
	Local:	LED status indicators on each rectifier	
	Remote:	Form 'C' contacts, Rectifier Fail, Distribution Breaker Trip	
Options			
	Low Volts Disconnect:	Sized to output requirements	

ISO 9001 Registered

com 1035 rev 3 (09/02) pg. 2 of 2

C~CAN

C-Can Power Systems Inc.
38 Commerce Crescent
Acton, Ontario, Canada L7J 2X3
Phone: (519) 853-4000
Toll Free: (800) 461-7017
Fax: (519) 853-3166
Web site: www.c-can.com
E-mail: info@c-can.com