

C~CAN



COMMUNICATION Systems **Micro Power Systems** [24VDC / 48VDC]

MPS - MICRO POWER SYSTEMS **7 to 25 Amps**

Typical Applications

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

Features

- **Complete package** - parallel rectifiers, DC distribution and LVD.
 - **Compact** - largest system is only 1RU, mounts in 19" or 23" rack.
 - **Flexible** - designed to operate with or without batteries.
 - **High reliability** - parallel redundant plug-in rectifiers with separate AC line cords.
 - **Ease of installation** - equipped with input line cords and output terminal blocks.
 - **Optional matching battery packs.**
- **CELLULAR and PCS**
 - **DISTRIBUTED NETWORKS**
 - **CUSTOMER PREMISES**
 - **PABX**
 - **MICROWAVE / FIBRE TRANSMISSIONS**
 - **PLC**



Rear view of the MPS48/15

Related Products



POWER PLANTS:

C-Can Power Systems Inc. manufactures a complete range of telecommunication power systems and accessories including rectifiers, DC/DC converters, advanced monitoring / controls and battery systems.

C~CAN **Technical** Data

Model
MPS24/10 MPS24/20 MPS48/7 MPS48/12 MPS48/15 MPS48/25

Input
Voltage: 120/230 VAC 47-63Hz
Protection: Each rectifier separately fused
AC Connections: 120VAC(2)6' line cord(s) with 5-15P plug separate feed to each rectifier
230VAC (2)6' line cords with separate feed to each rectifier

Output

Number of Rectifiers:	1	2	1	1	2	2
Current Maximum:	10 Amps	20 Amps	7 Amps	12 Amps	14 Amps	24 Amps
Number of Circuits:	6	6	6	6	6	6
Protection:	GMT Fuses - 1 per circuit (Standard 10A)					
Load Connection:	Removable terminal block					
Return Connection:	Removable terminal block					

Status and Alarm Indicators
Local: LEDES - Rectifier Fail, Fuse Fail, Rectifier "ON"
Remote: Form 'C' contacts - Rectifier 1 Fail, Rectifier 2 Fail, Fuse Fail

Battery
Connection: Molex connector with 6' battery cable included
Protection: Internal 25A fuse
Low Volts Disconnect: Internal - 30A maximum
Temp Compensation: 2 step - sensor optional

Physical
Dimensions (WxDxH): 17" x 14" x 2"
Temp. – Operating: 0-50°C
Temp. – Storage: -20 to +80°C
Mounting: 19" or 23" rack mount - requires 1RU above for cooling
Weight: 15 lbs 20lbs 15lbs 15lbs 20lbs 20lbs

Options

Temp. Compensation:					Remote sensor								
MPS Battery Packs:	24v runtime (Minutes)				-48v runtime (Minutes)								
	Load				Load								
	4A	6A	8A	10A	2A	3A	4A	5A	7A	10A	12A		
BP3	180	120	90	60	BP1	240	140	120	60	45	30	20	
BP4	360	240	180	120	BP2	480	280	240	120	90	60	40	

ISO 9001 Registered

com 1037 rev 2 (01/05) pg. 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