

# Intergy IPS1000 Series

## Features

- ▶ Flexible Modular Design
- ▶ Pre-Configured Supervisory Module
- ▶ Fast On-Line Replacement of Rectifiers (Hot-Swap)
- ▶ High Efficiency and Unity Power Factor
- ▶ Easily Installed Cabinet
- ▶ Downloadable Configuration Files
- ▶ Designed to Maximize Battery Performance
- ▶ Integrated Battery Stand Option
- ▶ Compliance with International Standards



The Intergy IPS 1000 Series is a compact DC power system, ideal for such applications as Customer Premises Equipment, local office switches, fiber optic terminals and distributed power networks.

Functional and versatile, the Intergy IPS 1000 Series is designed for quick installation, easy commissioning and can be used with the Intergy battery shelf modules to form a complete DC power solution.

At 811mm (16U) high, the Intergy IPS 1000 Series is a compact DC Power system, available in 24V or 48V nominal DC output. Rated up to 360A @ 24V or 180A @ 48V, it can also be paralleled with additional systems for higher currents.

## Typical Applications

- ▶ Wireless
- ▶ Transmission Terminals
- ▶ Local Office Switching

Nominal Output Voltage	Rectifier Module Type	Number of Rectifier Modules	Maximum Output Power (with 3 rectifier modules)	Maximum Output Current (with 3 rectifier modules)
24V	R2924	up to 3	8.7kW	360A @ 24V
48V	R2948	up to 3	8.7kW	180A @ 48V

# Intergy IPS1000 Series

## ► Brief Technical Specifications

For complete product specifications contact your local Intergy representative

AC Supply	310-476V, 3Ø+N+E
Power Factor	>0.99 (30 – 100% Output Current)
Efficiency	>90% (30 – 100% Output Current)
DC Output Voltage Range	24V: 20 – 35V 48V: 40 – 70V
Operating Temperature Range	-10°C — +50°C [+14°F — +122°F] (Output current is derated above 50°C [122°F])
Dimensions H, W, D	16U Cabinet: 811mm [32.0"], 600mm [23.6"], 600mm [23.6"]
Weight	108kg [165lb] Typical configuration with 3 rectifier modules, excluding batteries
Supervisory Module	SM50 or SM60 Series
AC Distribution Module	ACD09 Series with AC isolator and MOV surge protection
System Modules	4U rack space available

## ► Options

DC Distribution Module	DCM1600: 16-way, Miniature Circuit Breakers (MCBs) DCM1010: 10-way load, 4-way battery, Miniature Circuit Breakers (MCBs) DCM2400: 24-way, Miniature Circuit Breakers (MCBs) DCM1610: 16-way load, 4-way battery, Miniature Circuit Breakers (MCBs) DCF1000: 10-way, DIN00 HRC Fuses
Low Voltage Disconnect (LVD)	LVD401: 1 x 400A (single LVD unit) LVD402: 2 x 400A (dual LVD unit)
Battery Shelf Modules	BC6 (6U) or BC8 (8U) Available space H, W, D: 290mm [11.4"], 445mm [17.5"], 505cm [19.9"]
Rectifier Blank Panels	For unused rectifier positions
System Blank Panels	For unused system module positions
PowerManagerII	Remote control and monitoring software
DCTools	Configuration software. Free download from: <a href="http://www.powerware.com/downloads">www.powerware.com/downloads</a>

## ► Certifications

All products comply with International Standards. Contact your local Intergy representative for details on the specific product versions available with these safety and EMC approvals:

Region	Certification
Europe	CE
New Zealand / Australia	C-tick, Telepermit

In the interests of continual product improvement all specifications are subject to change without notice.