

Intergy IPS2000 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
- ▶ Wide AC Input Voltage Tolerance
- ▶ Downloadable Configuration Files
- ▶ Designed to Maximize Battery Performance
- ▶ Integrated Battery Stand Option
- ▶ Compliance with International Standards



The Intergy IPS 2000 Series is a compact DC power system, ideal for local office telecommunications, fiber optics, and distributed power networks. Functional and versatile, Intergy IPS 2000 Series is quickly installed, and easily commissioned.

In conjunction with the Intergy battery shelf modules it can form one of the highest density continuous power systems available. With up to 5+1 rectifier module redundancy, the Intergy IPS 2000 Series is available in 24V or 48V nominal DC output. Rated up to 720A @ 24V or 360A @ 48V, it can also be paralleled with additional systems for higher currents.

Typical Applications

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

Nominal Output Voltage	Rectifier Module Type	Number of Rectifier Modules	Maximum Output Power (with 6 rectifier modules)	Maximim Output Current (with 6 rectifier modules)
24V	R2924	up to 6	17.4kW	720A @ 24V
48V	R2948	up to 6	17.4kW	360A @ 48V

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► 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	22U Cabinet: 1077mm [42.4"], 600mm [23.6"], 600mm [23.6"]
Weight	151kg [332lb] Typical configuration with 6 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: www.powerware.com/downloads

► 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.