

Intergy IPS3000 Series

Features

- ▶ Flexible Modular Design
- ▶ Cabinet Under 2 Metres High
- ▶ Pre-Configured Supervisory Module
- ▶ Fast On-Line Replacement of Rectifiers (Hot-Swap)
- ▶ High Efficiency and Unity Power Factor
- ▶ Downloadable Configuration Files
- ▶ Designed to Maximize Battery Performance
- ▶ Wide AC Input Voltage Tolerance
- ▶ Easily Installed Cabinet
- ▶ Removable Cabinet Sides for Easy Installation
- ▶ Optional Parallel System Connection Kit
- ▶ Compliance with International Standards



The Intergy IPS 3000 Series is a high capacity 24V or 48V DC power system, designed for central office, tandem, regional, gateway and other major switches. The Intergy IPS 3000 Series has a rated output up to 900A @ 48V and is designed for parallel connection for higher outputs.

With top and floor access for cables this system has all the versatility and ease of commissioning of the Intergy range, while providing sufficient capacity for large communications power applications. Complying with recognised international standards the Intergy IPS 3000 Series allows up to 8+1 rectifier module redundancy.

Typical Applications

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

Nominal Output Voltage	Rectifier Module Type	Number of Rectifier Modules	Maximum Output Power (with 9 rectifier modules)	Maximum Output Current (with 9 rectifier modules)
24V	R2924	up to 9	26.1kW	1080A @ 24V
48V	R2948	up to 9	26.1kW	540A @ 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	42U Cabinet: 1966mm [77.5"], 600mm [23.6"], 600mm [23.6"]
Weight	239kg [526lb] Typical configuration with 9 rectifier modules
Supervisory Module	SM50 or SM60 Series
AC Distribution Module	ACD09 Series with AC isolator and MOV surge protection
System Modules	19U rack space available

► Options

DC Distribution Modules	DCM1010: 10-way load, 4-way battery, Miniature Circuit Breakers (MCBs) DCM1600: 16-way, Miniature Circuit Breakers (MCBs) DCM1610: 16-way load, 4-way battery, Miniature Circuit Breakers (MCBs) DCM2400: 24-way, Miniature Circuit Breakers (MCBs) DCF0600: 6-way, DIN00/DIN1/DIN2 HRC Fuses DCF0403: 4-way, DIN3 HRC Fuses
Low Voltage Disconnect (LVD)	LVD401: 1 x 400A (single LVD unit) LVD402: 2 x 400A (dual LVD unit) LVD801: 1 x 800A (single LVD unit) LVD802: 2 x 800A (dual LVD unit) LVD1201: 1 x 1200A (single LVD unit) LVD1202: 2 x 1200A (dual LVD unit)
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/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.