

Intergy ILS40600 Series

Features

- ▶ 45U Cabinet
- ▶ Pre-Configured Software
- ▶ High Power Density
- ▶ Fast On-Line Replacement of Rectifiers (Hot-Swap)
- ▶ High Efficiency and Unity Power Factor
- ▶ Surge Protection
- ▶ Parallel Systems Option



48V up to 34kW

The Intergy ILS 40600 Series power system is the ideal solution for large power telecommunications applications requiring compact, efficient and flexible DC power supplies.

The Intergy ILS 40600 Series is from the versatile Intergy Large Power System range. This 19" rack system is available with up to six Intergy 5800W rectifiers and an SM50 Series Intergy Supervisory Module.

Typical applications are providing 48V power for wireless networks, transmission systems, local and central office switches and other large switch installations.

The Intergy ILS 40600 Series power systems are pre-configured for fast installation and set-up. All system settings are fully adjustable in

software and stored in transferable, configuration files for repeatable one-step system set-up. Systems can be readily connected in parallel for higher output power.

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)	Maximum Output Current (with 6 rectifier modules)
48V	R5848	up to 6	34.8kW	7200A @ 48V

Intergy ILS40600 Series

► Brief Technical Specifications

For complete product specifications contact your local Intergy representative

AC Supply*	323-520V, 50/60Hz, 3Ø+N+E
Power Factor*	>0.99 (30 – 100% Output Current)
Efficiency*	>92% (40 – 80% Output Current)
DC Output Voltage Range	43 – 60V
Operating Temperature Range	-10°C — +40°C [+14°F — +104°F] (Output current is derated above 40°C [104°F])
Dimensions H, W, D	45U cabinet: 2100mm [82.7"], 600mm [23.6"], 600mm [23.6"]
Weight	270kg [594lb] Typical configuration with 6 rectifier modules
Supervisory Module	SM50 or SM60 Series
AC Distribution Module*	ACD12 Series with AC isolator switch and MOV surge protection
Total Harmonic Distortion*	5%

*applicable to systems using R5848-55 single phase rectifiers

► Options

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
North America	CE
New Zealand / Australia	C-tick, Telepermit

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