

5U Maxi Compact System

1-14K WATTS 48 VDC COMMUNICATIONS

FEATURES

- Compact designed
- World leading power density
- Fully featured telecom grade rectifiers
- Network monitoring available
- Redundancy N+1 operation
- Full remote monitoring, SM32 supervisory module
- Easily customized and configured
- -48V standard systems available
- 24V systems on request



SPECIFICATIONS

INPUT	
AC input	415V AC Three phase
Surge protection	40kA 8/20msec*
Frequency range	45-66 Hz
Power factor	>0.99 full load
Termination	10-16mm ² L1,L2,L3,N,E terminals
DC OUTPUT	
Nominal voltage	-48V (+48V or +24V optional)*
Rated system output power	14k Watts @ -48V (refer to table) 7k Watt @ 24V
Polarity	Positive earth. (negative earth option available)*
DC DISTRIBUTION	
Load	Standard Shelf configuration. (Customized configuration available)*
Battery	Standard Shelf configuration (Customized configuration available)*
Breaker fail detection	Electronic fail detection on both load and battery breakers
DC terminals	Rear Connect DIN Rail
Load	Tunnel terminals 16mm ²
Battery	Tunnel terminals 35mm ²

Low voltage disconnect See Standard Shelf configuration.

MONITORING & CONTROL

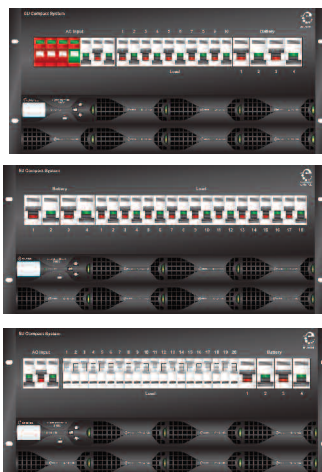
System monitoring via the SM32 supervisory module. Standard features include full temperature compensation, automated and manual battery testing/equalization, 6x general purpose inputs and 6x voltage-free relay alarm outputs. For further details refer to SM32 series.

MECHANICAL

Dimensions, W, H, D 482.6mm (standard 19" module), 222.2mm (5U), 350mm (390mm with cable strain relief).

Weight 14kg to 21kg (excluding rectifier modules)*

*Shelf type dependant consult Powerbox office for details.
Suitable for RM1860, 2048, 2048/24 rectifier module.



MAX NO OF RECTIFIERS MAX SHELF POWER STANDARD DC DISTRIBUTION

7	14kW @ - 48V 7kW @ - 24V	2 x 10A, 6 x 32A, 2 x 50A load MCB 4 x 100A battery MCB 300A battery LVD
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