

# 6U Maxi Compact System

1-22K 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
- 24V systems on request



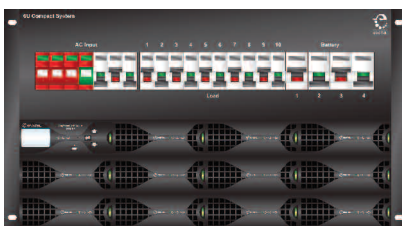
## SPECIFICATIONS

INPUT	
AC input	415V AC Three phase
Surge protection	40kA 8/20msec
Frequency range	45-66 Hz
Power factor	>0.99 full load
Termination	10mm <sup>2</sup> L1,L2,L3,N,E terminals
DC OUTPUT	
Nominal voltage	-48V (+48V or +24V optional)*
Rated system output Power	22k Watts @ -48V (refer to table)
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 <sup>2</sup>
Battery	Tunnel terminals 35mm <sup>2</sup>

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), 266.7 mm (6U), 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
11	22kW @ - 48V 11kW @ - 48V	2 x 20A, 4 x 32A, 4 x 63A load MCB 4 x 100A battery MCB 500A battery LVD