



## RD2000 RECTIFIER SYSTEMS

Inform rectifier is powered from single phase AC, providing DC output voltage to the supply of the critical loads and charging facility of batteries.

The switch-mode technology ensures the high efficiency of the equipment, allowing accurate control, fast dynamic response and keeping it small, light and quite.

- \* wide input voltage range
- \* high power factor
- \* switch-mode technology
- \* redundant operation
- \* hot-swappable
- \* rectifier status control through main CU
- \* Status LEDs on each module
- \* Compact and Light Size

### RD2000 RECTIFIER SPECIFICATIONS

INPUT	
Voltage	136 to 280VAC ( normal operation at nominal load ) 90 to 135VAC ( derating operation at 0,66 of the nominal load )
Frequency	45-65Hz
Inrush Current	<10A
Power Factor	0,99
Input THD	<3%
Efficiency	>91%
Input Current	<14A ( at 136V, Nominal load )
OUTPUT	
Voltage	48VDC ( Nominal ) 45-63VDC ( Clearing Value ) 53,5VDC ( Factory pre-set )
Output Current	22A ( at 56VDC )
Current Share	±5%
Short Circuit Current	25A
Output Regulation	<200mV ( 0-100% static load variation ) <1V ( 5-100% load variation ) <100mV ( ±20% AC variation ) <200mV ( 0°C-50°C temperature variation )
AC Ripple	<50mV AC ( at 100Hz )
GENERAL	
Temperature	0°C - 55°C
Humidity	5% - 95%
Net Weight (kg)	11,5
Dimensions(mm) WxDxH	132x305x342
Acoustic Noise	<50dBA
Cooling	Forced and Conventional

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Specifications subject to change without notice.



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