

DR Series Telecom Rectifier

The DR series is specially designed to meet the demand for the compact flexible high performance high reliability power supply. The system's 19 inches and 7U standard structure adapts to various telecom cabinet and racks. The rectifier efficiency is up to 97%, while the standard efficiency is up to 92%.



Features

- Wide input voltage: 85-300V AC
- Wide temperature: -30°C-65°C
- Hot-plug and easy maintenance
- Full range of protection
- Advanced battery management
- Interface of RS232/485/SNMP, Dry contacts

Specification

MODEL		DR48250	DR48120
AC Input	Voltage	85-300VAC	85-300VAC
	Frequency	45-65Hz	45-65Hz
	Power factor	0.99	≥ 0.99
DC Output	Voltage	-42-58.5V	-42-58.5V
	Current	100A/1P*2+63A/1P*4+32A/1P*2 32A/1P*2+16A/1P*2+10A/1P*2	63A/1P*2+32A/1P*2 16A/1P*4
	Ripple	< 200 mV peak to peak,	< 200 mV peak to peak,
	Load regulation	0.5%	0.5%
	Current sharing	5%	≤ 5%
	Parallel rectifier module	1-5	1-4
	Efficiency	Rectifier :97% Standard:92%	Rectifier :97% Standard:92%
Protection	Over current	Input: fuse; Output: fuse	Input: fuse; Output: fuse
	Over voltage /Temperature	Yes	Yes
	LED/Alarm	Yes	Yes
Environment	Noise(1 meter)	50dB	≤ 50dB
	Operation /Storage temperature	-30°C--+65°C/ - 40°C-70°C	-30°C--+65°C/ - 40°C-70°C
	Relative humidity	10%-95%(non-condensing)	10%-95%(non-condensing)
Mechanical W*D* H (mm)	Subrack	483*334*310	483*371*222
	Rectifier module	103*231*84	208*106*42
Weight(kg)	Subrack	17.2	13
	Rectifier module	2.4	1.7