

DC Rack Mount Power Supplies

R-DC12-4A

R-DC12-8A

R-DC12-12A



Features

- Compact 1RU power supply
- Fused input
- Illuminated input switch
- Individually fused outputs
- LED indicators on all outputs



Empowering Security

Model		R-DC12-4A	R-DC12-8A	R-DC12-12A
Output	DC Voltage	12V		
	Rated Current	4.2A	8.5A	12.5A
	Terminals	4 (with user replaceable fuses)	8 (with user replaceable fuses)	12 (with user replaceable fuses)
	Indication	4 x LED	8 x LED	12 x LED
	Overload	Fused and electronic		
	Current Range	0 - 4.2A	0 - 8.5A	0 - 12.5A
	Ripple & Noise (max.)	120mVp-p		
	Voltage Range	10.8 - 13.2V	11.4 - 13.2V	11.4 - 13.5V
	Voltage Tolerance	±1.0%		
	Setup, Rise time	500ms, 30ms/230VAC	500ms, 20ms/230VAC	800ms, 20ms/230VAC
	Hold Time (Typ.)	50ms/230VAC	30ms/230VAC	24ms/230VAC
Input	Voltage Range	80 - 264VAC	85 - 264VAC	90 - 264VAC
	Indication	LED and Switch		
	Frequency Range	47 - 63Hz		
	Efficiency(Typ.)	82%	83%	83%
	AC Current (Typ.)	1.1A	1.2A	2A
Electronic Protection	Overload	110 - 150% rated output power		
	Over Voltage	13.8 - 16.2V		
	Input Fuse	2A Slow blow fuse (user replaceable)	3A Slow blow fuse (user replaceable)	4A Slow blow fuse (user replaceable)
	Protection Type	Hiccup mode, recovers automatically after fault condition is removed		
Environment	Working Temp.	-20 - 60°C		
	Working Humidity	20 - 90% non-condensing		
	Storage Temp., Humidity	-40 - 85°C, 10 - 95%		
	Temp. Coefficient	±0.03%/°C @ 0 - 45°C		
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, period for 60min.		
Safety & EMC	Safety Standards	UL60950-1, CB(IEC 60950-1) Approved		UL60950-1,TUV EN60950-1 Approved
	Withstand Voltage	I/P-O/P:3KVAC	I/P-FG: 1.5KVAC	O/P-FG: 0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC		
	EMI Conduction & Radiation	Compliance to EN55022 (CISPR22) Class B, C		
	Harmonic Current	Compliance to EN61000-3-2,-3		
	EMS Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-1 Light industry level, criteria A		Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-1 heavy industry level, criteria A
Others	MTBF	374 000 hours	320 000 hours	433 000 hours
	Dimensions (HxDxW)	45(1RU) x 200 x 441mm		
	Weight	2.3KG	2.6KG	2.9KG