

DR12120-01B



Description & Features

DR12120-01B is a metal case DIN rail UPS power supply with 12 - 14V adjustable output voltage and 10A total output current includes charging. It could be used for various security and automation systems.

- High efficiency up to 88%, long life and high reliability
- Protections: overload / over voltage / short circuit / battery deep discharging
- Multi-functional LED indicators
- No delay battery boots up
- TS35/7.5 or 15 industrial rail mounting
- 100% full load burn-in test



SPECIFICATION

INPUT	Voltage Range	190 - 265VAC	
	Frequency Range	50 - 60Hz	
	Efficiency (Typ.)	>88%	
OUTPUT	Voltage	12 - 14V adjustable	
	Rated Current	10A	
	Rated Power (Max.)	140W (includes charging)	
	Ripple & Noise	<100mVp-p	
	Line Regulation	±2%	
	Load Regulation	±2%	
	Channel	1 channel	
CHARGING	Voltage	Same as output voltage	
	Current	1A Constant current mode	
PROTECTION	Overload	115% ±5%	
		Hiccup mode (resumes automatically after fault condition is removed)	
	Over Voltage	16V ±5%	
		Hiccup mode (resumes automatically after fault condition is removed)	
	Short Circuit	Hiccup mode (resumes automatically after fault condition is removed)	
ENVIRONMENT	Battery Deep Discharging	10V ±2% (shuts down until AC power resumes)	
	Temperature	Working: -20 - 50°C	Storage: -30 - 80°C
	Humidity	Working: 20 - 80%RH	Storage: 10 - 90%RH
LED INDICATOR	DC (Green)	On	DC output is okay
	BT (Yellow)	On	Battery is fully charged
		Flickering	Battery is charging
CONFORMITY	EMC Standard	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3	
	LVD Standard	EN 62368	
DIMENSION	Metal Case	43 x 124 x 113mm	
	Package	41.5 x 28.5 x 27.5cm / CTN, 20kg / CTN, 30pcs / CTN	