



Description & Features

DR24240-02B is a DIN rail UPS power supply, its main output is 24 - 28V adjustable / 10A including 500mA charge current. 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 discharge
- Multi-functional LED indicators
- Efficient charge current, no delay battery boots up
- Fit for industrial rail TS35/7.5 or 15
- 100% full load burn-in test
- 2 years warranty



SPECIFICATION

INPUT	Voltage Range	190 - 265VAC	
	Frequency Range	50 - 60Hz	
	Efficiency (Typ.)	>88%	
OUTPUT	Voltage (AC Supplies)	24 - 28V adjustable	
	Voltage (BT Supplies)	Same as battery voltage	
	Rated Current	10A	
	Rated Power (Max.)	280W (with charging)	
	Ripple & Noise	<200mVp-p	
	Line Regulation	±2%	
	Load Regulation	±2%	
	Channel	2 channels	
CHARGING	Voltage	Same as output voltage	
	Current	500mA Constant current	
PROTECTION	Overload	11.5A ±5%	
		Hiccup, recovers automatically after fault condition is removed.	
	Over Voltage	30V ±5%	
		Hiccup, recovers automatically after fault condition is removed.	
	Short Circuit	Hiccup, recovers automatically after fault condition is removed.	
Battery Deep Discharge	21V ±2%		
	PSU shuts down until AC power recovers.		
Battery Reverse Connect	Battery does not work.		
ENVIRONMENT	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
SAFETY & EMC	EMC Standards	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3	
	LVD Standards	EN 62368	
DIMENSION	Metal Case	63 x 124 x 113mm	
	Package	37.5 x 28.5 x 28.5cm / CTN, 20kg / CTN, 20pcs / CTN	