



Description & Features

DR12120-01B is an uninterruptible din rail PSU with 1 output channel, its main output is 12-14V / 10A, while it also provides maximum 1A charge current, with maximum rated output power 140W. It could be used for CCTV Surveillance / Access Control / Fire Alarm and other automation systems.

- Maximum Output Power: 140W
- High efficiency up to 87%, long life and high reliability
- Protection: input fuse / overload / over voltage / short circuit
- Multifunction LED indicators
- 100% full load burn-in test
- Din Rail Mounting
- 2 years warranty
- CE, RoHS



SPECIFICATION

INPUT	Voltage Range	190 - 265VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	12-14V ±2%	
	Voltage (Battery Mode)	Same as battery voltage	
	Rated Current	10A	
	Rated Power (Max.)	140W (with maximum 1A charging current)	
	Efficiency (Typ.)	>86%	
	Ripple & Noise	<120mVp-p	
	Output Channel	1 Channel	
CHARGE	Current	1A (max.)	
		Constant voltage mode, charge current decreases when battery voltage increases.	
PROTECTION	Input	5A / 250VAC fuse	
	Overload	12.5A ±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
	Overvoltage	Hiccup mode, recovers automatically after fault condition is removed.	
	Battery Low Voltage	10.5V ±2%	
		PSU shuts down until AC power is reconnected	
ENVIRONMENT	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.	
	Temperature	Working: -20 - 45°C	Storage: -30 - 80°C
LED INDICATOR	Humidity	Working: 20 - 80%RH	Storage: 10 - 90%RH
	Green	On	AC supplies
	Yellow	On	Battery supplies
		Flashing	Battery charging
SAFETY & EMC	EMC Standards	EN 55022: 2010, EN 55024: 2010, EN 61000-3-2: 2014, EN 61000-3-3: 2013	
	LVD Standards	EN 62368-1:2014-A11-2017	
PLASTIC BOX & PACKING	Default Plastic Box	43mm x 124mm x 113mm, can pack with a 12V 7Ah Lead Acid battery externally	
	Packing	412*285*275mm / CTN, 30pcs / CTN	