



### Description & Features

DR12035-02B is an uninterruptible din rail PSU with 2 output channels, its main output is 12-14V / 3A, while it also provides maximum 1A charge current, with maximum rated output power 56W. It could be used for CCTV Surveillance / Access Control / Fire Alarm and other automation systems.

- Maximum Output Power: 56W
- 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-it test
- Din Rail Mounting
- 2 years warranty
- CE & Rohs



### SPECIFICATION

<b>INPUT</b>	<b>Voltage Range</b>	190 - 240VAC	
	<b>Frequency Range</b>	50 - 60Hz	
<b>OUTPUT</b>	<b>Voltage (AC Mode)</b>	12-14V ±2%	
	<b>Voltage (Battery Mode)</b>	Same as battery voltage	
	<b>Rated Current</b>	3A	
	<b>Rated Power (Max.)</b>	56W (with maximum 1A charging current)	
	<b>Efficiency (Typ.)</b>	>86%	
	<b>Ripple &amp; Noise</b>	<120mVp-p	
	<b>Output Channel</b>	2 Channels	
	<b>CHARGING</b>	<b>Voltage</b>	10-13.8V ±2%
<b>Current</b>		1A (max.) Constant voltage mode, charge current decreases when battery voltage increases.	
<b>PROTECTION</b>	<b>Input</b>	2A / 250VAC fuse	
	<b>Overload</b>	3.6A ±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
	<b>Over Voltage</b>	16V ±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
<b>Battery Low Voltage</b>	10V ±2% PSU shuts down until AC power is reconnected		
<b>ENVIRONMENT</b>	<b>Temperature</b>	Working: -20 - 45°C	Storage: -30 - 80°C
	<b>Humidity</b>	Working: 20 - 80%RH	Storage: 10 - 90%RH
<b>LED INDICATOR</b>	<b>Green</b>	On	AC supplies
	<b>Red</b>	On	Battery supplies
<b>SAFETY &amp; EMC</b>	<b>EMC Standards</b>	EN 55022: 2010, EN 55024: 2010, EN 61000-3-2: 2014, EN 61000-3-3: 2013	
	<b>LVD Standards</b>	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	
<b>PLASTIC BOX &amp; PACKING</b>	<b>Default Plastic Box</b>	89.5mm x 93mm x 56mm, can pack with a 12V 7Ah Lead Acid battery externally	
	<b>Packing</b>		