ANDGOOD®

DIN RAIL UPS Power Supply — DR24120-01B

Description & Features

DR48120-01B is an uninterruptible din rail PSU with 1 output channel, its main output is 48-56V / 2.5A, while it also provides maximum 250mA 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-it test
- Din Rail Mounting
- 2 years warranty
- CE, Rohs

CE RoHS COMPLIANT

SPECIFICATION

INPUT	**Voltage Range**	190 - 265VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	**Voltage (AC Mode)**	48-56V ±2%	
	Voltage (Battery Mode)	Same as battery voltage	
	Rated Current	2.5A	
	Rated Power (Max.)	140W (with maximum 500mA charging current)	
	Efficiency (Typ.)	>86%	
	Ripple & Noise	<480mVp-p	
	Output Channel	1 Channel	
CHARGE	**Current**	250mA (max.)	
		Constant voltage mode, charge current decreases when battery voltage increases.	
PROTECTION	**Input**	5A / 250VAC fuse	
	Overload	3.13A±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
	Overvoltage	Hiccup mode, recovers automatically after fault condition is removed.	
	Battery Low Voltage	42V ±2%	
		PSU shuts down until AC power is reconnected	
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.	
ENVIRONMENT	**Temperature**	Working: -20 - 45℃	Storage: -30 - 80℃
	Humidity	Working: 20 - 80%RH	Storage: 10 - 90%RH
LED INDICATOR	**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	