ANDGOOD®

Plastic Case 12V 3A Lithium Battery UPS   SPHD1203-01B

Description & Features

SPHD1203-01B is an uninterruptible PSU with 1 output, its main output is 12.3V / 3A, while it also provides maximum 400mA charge current. It could be used for CCTV Surveillance / Access Control / Fire Alarm and other security systems.

- High efficiency up to 84%, long life and high reliability
- Protection: input fuse / overload / over voltage / short circuit
- Multifunction LED indicators
- No delay battery boot up
- 100% full load burn-it test
- Metal box with key-lock, wall mount installation
- Withstand 5G vibration test
- 2 years warranty

CE RoHS COMPLIANT

SPECIFICATION

INPUT	Voltage Range	190 - 240VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	12.3V ±2%	
	Voltage (Battery Mode)	Same as battery voltage	
	Rated Current	3A	
	Rated Power (Max.)	44W (with 400mA charge current)	
	Efficiency (Typ.)	>84%	
	Ripple & Noise	<120mVp-p	
	Output Channel	4 channels with 1A glass fuse per channel.	
CHARGING	Voltage	12.3V ±2%	
	Current	400mA (max.)	
		Constant Current Charging.	
PROTECTION	Input	2A / 250VAC fuse	
	Overload	3.5A ±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
	Over Voltage	16V ±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
	Battery Low Voltage	10V ±2%	
		PSU shuts down until AC power recovers.	
	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 power is on
	Blue	On	DC output is on
	Red	On	Battery under-voltage
	Yellow	Off	Battery is discharging
		Flickering	Battery is charging
		On	Battery is fully charged or no battery
SAFETY & EMC	EMC Standards	EN 55022: 2010, EN 55024: 2010, EN 61000-3-2: 2014, EN 61000-3-3: 2013	
	LVD Standards	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	
PLASTIC BOX & PACKING	Default Plastic Box	230mm x 166mm x 62mm, packed with 18650 11.1V4AH Lithium Battery Pack	
	Packing		