

Description & Features

SIHD1203-01B is an uninterruptible PSU, its main output is 13.6V / 3A, while it also provides maximum 1A charge current. It could be used for CCTV Surveillance / Access Control / Fire Alarm and other security systems.

- High efficiency up to 85%, 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



SPECIFICATION



INPUT	Voltage Range	190 - 240VAC		
	Frequency Range	50 - 60Hz		
OUTPUT	Voltage (AC Mode)	13.6V ±2%		
	Voltage (Battery Mode)	Same as battery voltage		
	Rated Current	3A		
	Rated Power (Max.)	54.4W (with 1A charge current)		
	Efficiency (Typ.)	>85%		
	Ripple & Noise	<120mVp-p		
	Output Channel	1 channel		
CHARGING	Voltage	13.6V ±2%		
	Current	1A (max.)	Constant voltage mode, charge current decreases when battery voltage increases.	
PROTECTION	Input	2A / 250VAC fuse		
	Overload	3.9A ±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 - 50°C	Storage: -30 - 80°C	
	Humidity	Working: 20 - 80%RH	Storage: 10 - 90%RH	
LED INDICATOR	Red	On	AC power is on	
	Green	On	DC output is on	
	Yellow	Off	Battery is fully charged or no battery	
		Flickering	Battery is charging	
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		
METAL BOX & PACKING	Default Metal Box	203 x 163 x 74mm, fits for 1 pc 12V 7Ah battery.		
	Optional Metal Box	265 x 195 x 75mm, fits for 1 pc 12V 7Ah battery.		
		295 x 195 x 90mm, fits for 2 pc 12V 17Ah battery.		
	Packing	41 x 35 x 23.5cm / CTN, 11.5kg / CTN, 10pcs / CTN (default metal box)		