



Description & Features

SAHD1203-02B is an uninterruptible PSU with aluminum case, 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
- Small size, easy 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	2 channels	
	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℃	Storage: -30 - 80℃
	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	
DIMENTION & PACKING	Product Dimension	125 x 80 x 43mm	
	Packing	44.5 x 31 x 19.5cm / CTN, 7.5kg / CTN, 20pcs / CTN	