ANDGOOD®

Metal Box Uninterruptible 8 Channels PSU SIHD1210-08CB

Description & Features

SIHD1210-08CB is an uninterruptible PSU with 8 output channels, its main output is 13.6V / 10A, while it also provides maximum 2A 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

CE RoHS COMPLIANT

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	10A	
	Rated Power (Max.)	163.2W (with 2A charge current)	
	Efficiency (Typ.)	>85%	
	Ripple & Noise	<120mVp-p	
	Output Channel	8 channels with 1.5A glass fuse per channel.	
CHARGING	**Voltage**	13.6V ±2%	
	Current	2A (max.), Constant voltage mode, charge current decreases when battery voltage increases.	
PROTECTION	**Input**	3A / 250VAC fuse	
	Overload	12A ±5%, Hiccup mode, recovers automatically after fault condition is removed.	
	Over Voltage	16V ±5%, Hiccup mode, recovers automatically after fault condition is removed.	
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.	
	Battery Low Voltage	10V ±2%, PSU shuts down until AC power recovers.	
	Battery Reverse Connect	Battery not works, no effect on main output.	
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	On: Battery is discharging / fully charged / no battery	
		Flickering: Battery is charging	
	Red	On	AC failure alarm
	Red	On	Battery low voltage (<11V) alarm
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**	295 x 195 x 90mm, fits for 1 pc 12V 17Ah battery.	
	Optional Metal Box	285 x 285 x 125mm, fits 1 pc 12Ah battery / 395 x 285 x 165mm, fits 1 pc 55Ah battery.	
	Packing	50.5 x 44 x 34cm / CTN, 19kg / CTN, 10pcs / CTN (default metal box)	

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