ANDGOOD®

Metal Box Uninterruptible 16 Channels PSU SIHD1210-16CBD

Description & Features

SIHD1210-16CBD is an uninterruptible PSU with 16 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

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	16 channels with 1A 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**	285 x 285 x 125mm, fits for 1 pc 12V 12Ah battery.	
	Optional Metal Box	395 x 285 x 165mm, fits for 1 pc 12V 55Ah battery.	
	Packing	67 x 31 x 32cm / CTN, 19.2kg / CTN, 5pcs / CTN (default metal box)	