

B-HIGH



Metal Box Uninterruptible PSU SIHD4805-01B

Description & Features

SIHD4805-01B is an uninterruptible PSU, its main output is 54.4V / 5A, while it also provides maximum 0.5A charge current. It could be used for CCTV Surveillance / Access Control / Fire Alarm and other security systems.

- High efficiency up to 90%, 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



SPECIFICATION

INPUT	Voltage Range	190 - 265VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	54.4V ±2%	
	Voltage (Battery Mode)	Same as battery voltage	
	Rated Current	5A	
	Rated Power (Max.)	299W (with 0.5A charge current)	
	Efficiency (Typ.)	>90%	
	Ripple & Noise	<400mVp-p	
	Output Channel	2 channels	
CHARGING	Voltage	54.4V ±2%	
	Current	0.5A (max.)	
		Constant voltage mode, charge current decreases when battery voltage increases.	
PROTECTION	Overload	6A ±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
	Over Voltage	60V ±5%	
		Hiccup mode, recovers automatically after fault condition is removed.	
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.	
	Battery Low Voltage	42V ±2%	
		PSU shuts down until AC power recovers.	
Battery Reverse Connect	Battery not works, no effect on main output.		
ENVIRONMENT	Temperature	Working: -40 – 50℃	Storage: -40 - 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
		Flickering	Battery is charging
	Red	On	AC failure alarm
Red	On	Battery low voltage (<44V) 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	Metal Box	395 x 385 x 165mm, fits for 4 pcs 12V 17Ah batteries.	
	Packing	54 x 42 x 40cm / CTN, 21kg / CTN, 3pcs / CTN	