



### Description & Features

SIHD24025-01B is an uninterruptible PSU, its main output is 27.6V / 2.5A, while it also provides constant 0.35A 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
- Universal AC input
- 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 - 265VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	27.6V ±2%	
	Voltage (Battery Mode)	Same as battery voltage	
	Rated Current	2.5A	
	Rated Power (Max.)	80W (with 400mA charge current)	
	Efficiency (Typ.)	>85%	
	Ripple & Noise	<240mVp-p	
	Output Channel	1 channel	
CHARGING	Voltage	27.6V ±2%	
	Current	400mA Max	
PROTECTION	Input	2A / 250VAC fuse	
	Overload	3A ±5%, Hiccup mode, recovers automatically after fault condition is removed.	
	Over Voltage	30V ±5%, Hiccup mode, recovers automatically after fault condition is removed.	
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.	
	Battery Low Voltage	21V ±2%, PSU shuts down until AC power recovers.	
	Battery Reverse Connect	Battery not works, no effect on main output.	
ENVIRONMENT	Temperature	Working: -20 - 50°ℓ	Storage: -30 - 80°ℓ
	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 fully charged
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 62368-1-2014-A11-2017	
METAL BOX & PACKING	Metal Box	265 x 195 x 75mm, fits for 2 pcs 12V 5Ah batteries.	
	Packing	42.5 x 39.5 x 30cm / CTN, 16kg / CTN, 10pcs / CTN	