

## SC-SIHD1205-01KB

SC-SIHD1205-01KB is an uninterruptible PSU, its main output is 13.8V / 5A, while it also provides constant 800mA charge current. It could be used for CCTV Surveillance / Access Control / Fire Alarm and other security systems.



### Features

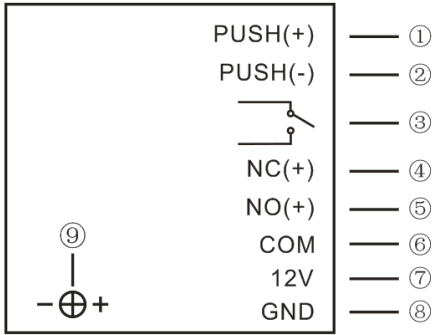
- High efficiency up to 85%, long life and high reliability
- Protection: input fuse / overload / over voltage / short circuit
- Universal AC input
- Metal box with key lock, wall mount installation
- No delay battery boot up
- Withstand 5G vibration test
- Multifunction LED indicators
- 100% full load burn it test



### Specification



|                     |                         |   |                          |
|---------------------|-------------------------|---|--------------------------|
| INPUT               | Voltage Range           | 190 265VAC  |                          |
|                     | Frequency Range         | 50-60HZ   |                          |
| OUTPUT              | Voltage (AC Mode)       | 13.8V ±2%   |                          |
|                     | Voltage (Battery Mode)  | Same as battery voltage   |                          |
|                     | Rated Current           | 5A  |                          |
|                     | Rated Power (Max.)      | 80W (with 800mA charge current)   |                          |
|                     | Efficiency (Typ.)       | >85%  |                          |
|                     | Ripple & Noise          | <120mVp-p   |                          |
|                     | Output Channel          | 1 Channel   |                          |
| CHARGING            | Voltage                 | 13.8V ±2%   |                          |
|                     | Current                 | 800mA Max   |                          |
| PROTECTION          | Input                   | 2A / 250VAC fuse  |                          |
|                     | Overload                | 6A ±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°C   | Storage: -30-80°C        |
|                     | 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 5 5024: 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       | 265 x 195 x 75mm, fits for 1 pc 12V 7Ah battery                               |                          |
|                     | Optional Metal Box      | 295 x 195 x 90mm, fits for 1 pc 12V 17Ah battery                              |                          |
|                     | CTN Size / Weight       | 42.5 x 39.5 x 30cm / CTN , 16kg / CTN, 10pcs / CTN (default metal box)        |                          |

|  |   |                      |                                    |
|--|---|----------------------|------------------------------------|
|  | ① | <b>PUSH(+)</b>       | High-level voltage trigger         |
|  | ② | <b>PUSH(-)</b>       | Low-level voltage trigger          |
|  | ③ | <b>SWITCH</b>        | Switch signal trigger              |
|  | ④ | <b>NC(+)</b>         | Normally close 12V output          |
|  | ⑤ | <b>NO(+)</b>         | Normally open 12V output           |
|  | ⑥ | <b>COM</b>           | Common terminal of NC(+) and NO(+) |
|  | ⑦ | <b>12V</b>           | 12V output                         |
|  | ⑧ | <b>GND</b>           | Ground                             |
|  | ⑨ | <b>POTENTIOMETER</b> | 0 - 10s time delayer               |