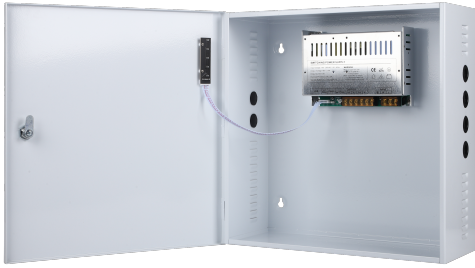


# PSU-4805-L(M)



## Description & Features

PSU-4805-L(M) is a metal box UPS power supply, its main output is 54.4V / 5A with additional 650mA charge current. It could be used for various security and automation systems.

- High efficiency up to 88%, long life and high reliability
- Protections: overload / over voltage / short circuit / battery deep discharging
- Multi-functional LED indicators
- No delay battery boots up
- Metal box with key-lock, wall mount installation
- Optional modules to extend the usages
- 100% full load burn-in test



## SPECIFICATION

|               |                          |                                                                      |                                      |
|---------------|--------------------------|----------------------------------------------------------------------|--------------------------------------|
| INPUT         | Voltage Range            | 190 - 265VAC                                                         |                                      |
|               | Frequency Range          | 50 - 60Hz                                                            |                                      |
|               | Efficiency (Typ.)        | >88%                                                                 |                                      |
| OUTPUT        | Voltage                  | 54.4V                                                                |                                      |
|               | Rated Current            | 5A                                                                   |                                      |
|               | Rated Power (Max.)       | 300W (includes charging)                                             |                                      |
|               | Ripple & Noise           | <400mVp-p                                                            |                                      |
|               | Line Regulation          | ±2%                                                                  |                                      |
|               | Load Regulation          | ±2%                                                                  |                                      |
|               | Channel                  | 2 channels                                                           |                                      |
| CHARGING      | Voltage                  | 54.4V                                                                |                                      |
|               | Current                  | 650mA                                                                |                                      |
|               |                          | Constant voltage mode                                                |                                      |
| PROTECTION    | Overload                 | 115% ±5%                                                             |                                      |
|               |                          | Hiccup mode (resumes automatically after fault condition is removed) |                                      |
|               | Over Voltage             | 60V ±5%                                                              |                                      |
|               |                          | Hiccup mode (resumes automatically after fault condition is removed) |                                      |
|               | Short Circuit            | Hiccup mode (resumes automatically after fault condition is removed) |                                      |
|               | Battery Deep Discharging | 42V ±2% (shuts down until AC power resumes)                          |                                      |
| ENVIRONMENT   | Temperature              | Working: -20 - 50℃                                                   | Storage: -30 - 80℃                   |
|               | Humidity                 | Working: 20 - 80%RH                                                  | Storage: 10 - 90%RH                  |
| LED INDICATOR | AC Power (Red)           | On                                                                   | AC input is okay                     |
|               | DC Output (Green)        | On                                                                   | DC output is okay                    |
|               | Charge (Yellow)          | On                                                                   | Battery is discharging/fully charged |
|               |                          | Flickering                                                           | Battery is charging                  |
|               | AC Failure (Red)         | On                                                                   | AC input is failure                  |
|               | BT Voltage Low (Red)     | On                                                                   | Battery voltage is low (<44V)        |
| CONFORMITY    | EMC Standard             | EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3                       |                                      |
|               | LVD Standard             | EN 62368                                                             |                                      |
| DIMENSION     | Metal Box                | 395 x 385 x 165mm (fits for four 12V 17-20Ah batteries)              |                                      |
|               | Package                  | 53 x 42 x 40cm / CTN, 21.5kg / CTN, 3pcs / CTN                       |                                      |