## Description & Features

800698 is a plastic box UPS power supply, its main output is 13.8V / 8A with additional 750mA 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 discharge
- Multifunction LED indicators
- Additional charge current, no delay battery boots up
- Patented design, wall mount installation
- Optional modules to extend the usages
- 100% full load burn-in test
- 2 years warranty

CE    RoHS

## SPECIFICATION

| | | | |
|---|---|---|---|
| **INPUT** | Voltage Range | 190 - 265VAC | |
| | Frequency Range | 50 - 60Hz | |
| | Efficiency (Typ.) | >88% | |
| **OUTPUT** | Voltage (AC Supplies) | 13.8V | |
| | Voltage (BT Supplies) | Same as battery voltage | |
| | Rated Current | 8A | |
| | Rated Power (Max.) | 120W (with charging) | |
| | Ripple & Noise | <100mVp-p | |
| | Line Regulation | ±2% | |
| | Load Regulation | ±2% | |
| | Output Channel | 1 channel | |
| **CHARGING** | Voltage | 13.8V | |
| | Current | 750mA | |
| | | Constant current | |
| **PROTECTION** | Overload | 9.2A ±5% | |
| | | Hiccup, recovers automatically after fault condition is removed. | |
| | Over Voltage | 16V ±5% | |
| | | Hiccup, recovers automatically after fault condition is removed. | |
| | Short Circuit | Hiccup, recovers automatically after fault condition is removed. | |
| | Battery Deep Discharge | 10V ±2% | |
| | | PSU shuts down until AC power recovers. | |
| | Battery Reverse Connect | Battery does not work. | |
| **ENVIRONMENT** | Temperature | Working: -20 - 50℃ | Storage: -30 - 80℃ |
| | Humidity | Working: 20 - 80%RH | Storage: 10 - 90%RH |
| **LED INDICATOR** | AC Power (Red) | On | AC power supplies |
| | Battery (Yellow) | On | Battery is fully charged |
| | | Off | Battery is discharging |
| | | Flickering | Battery is charging |
| | DC Output (Green) | On | DC output okay |
| **SAFETY & EMC** | EMC Standards | EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3 | |
| | LVD Standards | EN 62368 | |
| **DIMENSION** | Plastic Box | 228 x 195 x 78mm, fits for 12V 9Ah battery. | |
| | Package | 45 x 42.5 x 26.5cm / CTN, 9kg / CTN, 10pcs / CTN | |