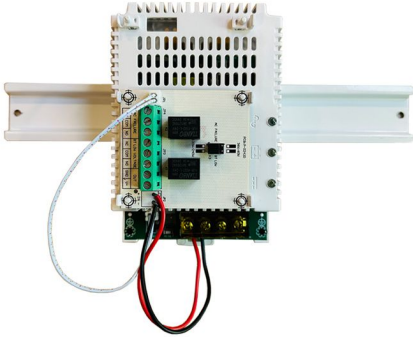


F-1208BD

DIN RAIL BACK-UP (UPS) POWER SUPPLY WITH RELAY ALARM



Product Features

- High efficiency, long life and high reliability.
- Protection: Overload/over voltage/short circuit/battery deep discharge.
- Additional charge current, no delay battery boots up.
- Multi-function LED indicators.
- 100% full load burn-it test.
- Screw fixation or industrial rail mounting.

Description

F-1208BD is a plastic case back-up (UPS) din rail power supply unit with main DC output 13.8V/8A and maximum charging current 750mA.

Technical Specification

| Model | F-1208BD | |
|---------------|-------------------------|---|
| INPUT | Voltage Range | 190 - 265VAC |
| | Frequency Range | 50 - 60Hz |
| | Efficiency (Typ.) | >88% |
| OUTPUT | Voltage (AC Mode) | 13.8V |
| | Voltage (Battery Mode) | Same as battery voltage |
| | Rated Current | 8A |
| | Rated Power (Max.) | 120W (with charging) |
| | Ripple & Noise | <100mVp-p |
| | Line & 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°C~50°C, Storage: -30°C~80°C |
| | Humidity | Working: 20-80%RH, Storage: 10-90%RH |
| LED INDICATOR | AC Power (Red) | ON - AC supplies |
| | Battery (Yellow) | ON - Fully charged, OFF - Discharging, Flickering - Charging |
| | DC Output (Green) | ON - DC output works perfect |
| BOX | Dimension (mm) | 135 x 92 x 42 |

Relay Alarm

ALARM 1

NO-COM → ON (When AC power is ON).
NC-COM → ON (When AC power is OFF).

ALARM 2

NO-COM → ON (When battery voltage >11V).
NC-COM → ON (When 10V <battery voltage <11V).