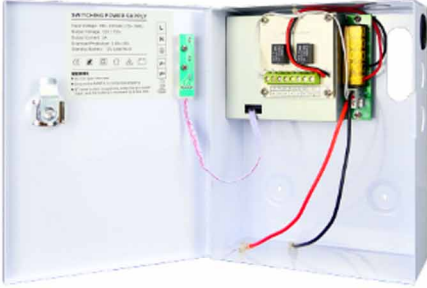


F-1203R

BOX TYPE BACK-UP (UPS) POWER SUPPLY WITH RELAY ALARM



Product Features

- High efficiency, long life and high reliability.
- Protection: Input fuse/ overload/ over voltage/ short circuit.
- 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.

Description

F-1203R is a back-up (UPS) box power supply unit with 13.8V/3A DC output, 800mA charge current and two relay alarm outputs for AC failure / battery low voltage.

Technical Specifications

Model		F-1203R
INPUT	Voltage Range	190 - 265VAC
	Frequency Range	50 - 60Hz
OUTPUT	Voltage (AC Mode)	13.8V \pm 2%
	Voltage (Battery Mode)	Same as battery voltage
	Rated Current	3A
	Rated Power (Max.)	52.5W (with 800mA charging current)
	Efficiency (Typ.)	>85%
	Ripple & Noise	<120mVp-p
	Output Channel	1 Channel
CHARGING	Voltage	13.8V \pm 2%
	Current	800mA (max.)
PROTECTION	Input	2A / 250VAC fuse
	Overload	3.6A \pm 5%, Hiccup mode, recovers automatically after fault condition is removed
	Over Voltage	16V \pm 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 \pm 2%, PSU shuts down until AC power recovers.
	Battery Reverse Connect	Battery not works, no effect on main output.
ENVIRONMENT	Temperature	Working: -20°C~50°C, Storage: -30°C~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
BOX	Default Metal Box	205x165x75(mm), fits for 1unit 12V/7Ah battery (Battery Excluded).

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).