

# F-1210DR

## 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-1210DR is a back-up (UPS) box power supply unit with 13.8V/10A DC output, 1A charge current.

### Technical Specifications

	Model	F-1210DR
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	10A
	Rated Power (Max.)	152W (with 1A charging current)
	Efficiency (Typ.)	>85%
	Ripple & Noise	<120mVp-p
	Output Channel	8 Channels
	CHARGING	Voltage
	Current	1A (max.)
PROTECTION	Input	3.15A / 250VAC fuse
	Overload	12A ±5%, Hiccup mode, recovers automatically after fault condition is removed
	Overvoltage	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
	Ingress Protection	IP 42
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	295x195x90(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).