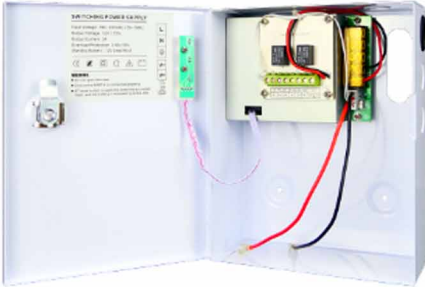


# F-1205DR

## 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-1205R is a back-up (UPS) box power supply unit with 13.8V/5A DC output, 800mA charge current.

### Technical Specifications

Model		F-1205DR
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	5A
	Rated Power (Max.)	80W (with 800mA charging current)
	Efficiency (Typ.)	>85%
	Ripple & Noise	<120mVp-p
	Output Channel	4 Channels
CHARGING	Voltage	13.8V $\pm$ 2%
	Current	800mA (max.)
PROTECTION	Input	2A / 250VAC fuse
	Overload	6A $\pm$ 5%, Hiccup mode, recovers automatically after fault condition is removed.
	Overvoltage	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	265x195x75(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).