

F-2405

BOX TYPE BACK-UP (UPS) POWER SUPPLY



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-2405 is a back-up (UPS) box power supply unit with 27.2V/5A DC output and 1A charge current.

Technical Specifications

	Model	F-2405
INPUT	Voltage Range	190 - 265VAC
	Frequency Range	50 - 60Hz
OUTPUT	Voltage (AC Mode)	27.6V ±2%
	Voltage (Battery Mode)	Same as battery voltage
	Rated Current	5A
	Rated Power (Max.)	152W (with 500mA charging current)
	Efficiency (Typ.)	>85%
	Ripple & Noise	<240mVp-p
	Output Channel	2 Channels
CHARGING	Voltage	27.6V ±2%
	Current	500mA (max.)
PROTECTION	Input	3.15A/ 250VAC fuse
	Overload	6A ±5%, Hiccup mode, recovers automatically after fault condition is removed.
	Overvoltage	30V ±5%, Hiccup mode, recovers automatically after fault condition is removed.
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
	Battery Low Voltage	21V ±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 discharging/ fully charged/ no battery Flickering - Battery is charging
	Red	ON - AC failure alarm
	Red	ON - Battery low voltage (<22V) alarm
BOX	Default Metal Box(mm)	295x195x90, fits for 2units12V/17Ah batteries (Battery Excluded).