

POWER SUPPLY 12V/5A WITH BATTERY BACKUP - LINEAR

Model No: BPS-TA-120507



Unique Features:

- Maximum output power of 60W.
- High efficiency, High reliability, Low cost.
- AC input voltage range 230VAC,+/- 30V
- Built-in input over voltage protection.
- Low Ripple and Noise.
- Compact, Light weight.
- Momentary output short circuit protection.
- 100% Full load burn-in test.
- Built - in battery charging provision.
- Low battery cut off provision, to prevent the battery drain condition.
- Constant current charging for Battery.

Environmental Characteristics

Operating Temperature	55 C at Full Load
	70 C at 60% Load
Cooling	Forced cooling
Relative Humidity	95% NC.

* For continuous improvement, specifications are subject to change.

Specifications:

All these parameters are specified at 230V AC input.

Input Characteristics

Input Voltage	230VAC
Input Frequency	50Hz
Input Connector	3-pin plug

Input Protections

1.5Amp, 20mm fast blow, Glass fuses.
MOV for input over voltage protection.

Output Characteristics

Output Voltage	12VDC
Output Current	5 A
Output Power	60 W

LED Indications

Ac power	Yellow
Output	Green
Battery	Blue
Low Battery	Red

Output Connector & Battery Connector

2-pin screw type connector.

Protection

Low Battery cut off	10.4V
Output Protections	Over Voltage Protection

Regulation

Line Regulation	< + / - 0.5%
Load Regulation	< + / - 0.5%
Ripple and Noise	30mVp-p.

General Characteristics

Efficiency	60%
Dimension (L X H X D) mm	(230 X 300 X 110)
Mounting	Wall Mounting