

SWITCHING MODE POWER SUPPLY CUM BATTERY CHARGER

MODEL: T70-01

POWER: 70 WATT

FEATURES :

- Latest PWM Controller TOP Switch based design.
- Energy efficient over entire load range
- Higher System Reliability
- High efficiency, Low cost.
- Output power up to 120 W.
- Universal wide AC Input voltage range
- Built-in EMI filter.
- Low Ripple and Noise in output.
- Screw type input and output connectors.
- Compact, light weight.
- Auto-restart delivers <3% of maximum power in short circuit and open loop fault condition.
- Over Load fuse protection, over voltage protection for AC input.



S. No.	OUTPUT VOLTAGE	OUTPUT CURRENT	MODEL NO.
1.	5V	10 A	T70-05
2.	12V	6 A	T70-12
3.	24V	3 A	T70-24
4.	48V	1.5 A	T70-48

Table 1.1



DIGILINE SYSTEMS
The Complete Electronic Solution

Specifications:

• Input

Input Voltage	160V - 265V AC.
Input Frequency	45 - 60 Hz.
Input Connector	2-pin screw terminal.
Input Protections	Fuse Protection for over load. MOV Protection for over voltage.
Filters	EMI/RFI.

• Output

Output Voltage	Selectable From Table 1.1
Output Current	Selectable From Table 1.1
Output Power	70 W.
Output Connector	2-pin screw terminal.
Output Indications	GREEN LED.
Output Protections	Over load Protection.
Line Regulation	< +/- 1%.
Load Regulation	< +/- 1%.
Ripple and Noise	< +/- 1%.
Efficiency	80%.

• Environmental

Operating Temperature	55 oC at Full Load and 70oC at 60% load.
Operating Humidity	85% NC.