

POWER - PLUS

DC POWER SYSTEM



Type : PP-24V6A-5V15A

- Switchmode Power System
- 19" Mounting shelf
- Metering : DC voltmeter and DC ammeter
- Input and output terminals
- Alarm dry contact

TECHNICAL SPECIFICATIONS OF SWITCHMODE DC POWER SYSTEMS

Input Voltage : 85-132V / 170-265Vac, Auto-selectable
Efficiency : 80%

Output Voltage : 24V and 5V
Output Current : 6 A for 24V, and 15A for 5V
Output capacity : 150W for 24V and 75W for 5V

Regulated voltage :

Regulation line : 0.4% or 20mV (whichever is greater) over entire input range with constant load.

Regulation Load : 0.8% or 40mV (whichever is greater) from no load to full load with constant input line.

Temperature Coefficient : 0.02%/°C

Frequency : 50 / 60 Hz Auto-selectable

Power factor Correction: Conforms to EN61000-3-2 Class D.

Regulation : 0.4%

EMI : Conforms to EN55022 Curve B, FCC Class B, VCC1-2.

Ripple and Noise : 120mV for 5V, 200mV for 24V,

Output Voltage Adj Range : ±10%.

Protection :

Overcurrent Protection : Current limiting with automatic recovery. Avoid prolonged operation in overload or dead short.

Overvoltage Protection : converter shutdown, manual input reset

Input Transient Protection : EN61000-4-2, -3, -4, -5, -6.

Safety : comply to UL, CSA and CE standards

Metering : DC Voltmeter and DC Ammeter

Distribution : Input and output switches

Environmental Specification : -40°C to +55°C, RH 0 - 85%, Pollution EN60950 degree 2, Vibration complies to BS2011 Test Fc

Mounting shelf : Powder coated IP 21 RAL7032

Cooling : Natural Convection

Operating Temperature Range : -10°C to +60°C.

Storage Temperature : -30°C to +85°C.

Humidity : 10% to 90% RH (non-condensing).

Isolation : Input to Output - 3.0kVAC. Input to Chassis (FG) - 2.0kVAC. Output to Chassis (FG) - 500VAC for 1 minute.

Isolation Resistance : Output to Chassis (FG) ->100MΩ @ 25°C and 70% RH.