

Technical Specifications of SMPS

Electrical Characteristics

12V, 10A

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|-------------------------------|---------------|
| 1. Input Voltage | 100 – 270V AC |
| 2. Output Voltage | 12 V DC |
| 3. Output Current | 10A |
| 4. Leakage Current @ 230 V ac | < 2mA |
| 5. Line regulation | < 1% |
| 6. Load regulation | < 1% |
| 7. Ripple content | 150mV p-p |
| 8. Dielectric strength: | |
| Between Input & Output | 2 kV AC |
| Between Input & Earth | 1.5kV AC |
| Between Output & Earth | 1.5kV AC |

Protections

- | | |
|----------------------------|--------------------------------------|
| 1. Inrush current | Limited by NTC Thermister |
| 2. Over voltage at Input | Shut down above 300V AC |
| 3. Under voltage at Input | Cutoff at 100V AC. Cut in at 120V AC |
| 4. Short circuit at Output | Protected |
| 5. Overload at Output | Protected |

Other Features

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| 1. Indications | Power ON |
|----------------|----------|

Mechanical

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|-------------------------|-------------------------|
| 1. Type of mounting | Table Top |
| 2. Dimensions W x D x H | Depending upon wattage. |

Environmental

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|--------------------------------|--------------|
| 1. Operating Temperature | 0 – 50 Deg.C |
| 2. Operating Relative Humidity | 0 – 80% Max. |
| 3. For Internal Use[IP22] | |