



Part Number

PS-25-AC-DC

Power

25 kW

Transformer

Isolation Transformer

Full Load Efficiency

> 95%

ELECTRICAL SPECIFICATIONS

| | |
|---|--|
| AC Input (only one selectable) | Any 1-phase, 2-phase, 3-phase AC mains specified by the customer |
| AC Input Connection | Terminal Block |
| DC Output Voltage | 1 - 100 V |
| DC Output Current | 1 - 200 A |
| Ripple | < 1% |
| Load Regulation [Dynamic Variation] | < 2% |
| Regulation Time Response to the variation of Load or Line Voltage | < 100 ms |
| Stability of the Output Voltage [Static Variation] | < 0.5% |
| Transient Suppression Circuit | Yes - to avoid release of energy back into the circuit when the load gets switched off |
| Power Supply Short Circuit Protection | Yes - Magnetic Switch, Diode, Surge Arrester and Varistor |
| Inrush Current | Setup through the control panel: <150% of the current value for 6secs |

CONTROL PANEL

| | |
|--------------------|-------------------------------|
| Regulation System | Command Buttons |
| Display | LCD Display 4 x 40 characters |
| Voltage Resolution | ± 0.1 V |
| Current Resolution | ± 1.0 A |

COMMUNICATION INTERFACES

| | |
|----------|---------------------|
| RS232 | Yes - SCPI protocol |
| Ethernet | Yes - SCPI protocol |

MECHANICAL [Dimensions W x D x H / Weight]

| | | |
|------------|---------------------------------------|--------|
| Mini Tower | 600 x 600 x 1200 mm (wheels excluded) | 160 kg |
|------------|---------------------------------------|--------|

ENVIRONMENTAL

| | |
|-----------------------|------------------------|
| Cooling | Air Forced Circulation |
| Operating Temperature | 0° - 40°C |
| Storage Temperature | -40° - 85°C |
| Noise level | 50dBA |

REGULATORY

| | |
|--------------|---|
| Safety & EMC | CEI EN 62040-1, EN 62040-2, EN62040-3, EN 60950-1:2007-02 |
|--------------|---|