



Part Number

PS-20-V100-A200

Power

20 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
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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 62368-1
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