



Part Number	PS-40-AC-DC
Power	40 kW
Transformer	Isolation Transformer
Full Load Efficiency	> 95%

ELECTRICAL SPECIFICATIONS

AC Input	Any 3-phase AC mains specified by the customer
AC Input Connection	Terminal Block
DC Output Voltage	1 - 200 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]

Tower	800 x 800 x 1600 mm (wheels excluded)	TBC
-------	---------------------------------------	-----

ENVIRONMENTAL

Cooling	Air Forced Circulation
Operating Temperature	0° - 40°C
Storage Temperature	-40° - 85°C
Noise level	60dBA

REGULATORY

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