Master
Custom
Balance

AC/DC POWER-SPIN 1kW

QMS - Quality Management System
UNI EN ISO 9001:2015
Certificate n. 50 100 5422

Part Number	PS-01-V25-A40	
Power	1 kW	
Transformer	Isolation Transformer	
Full Load Efficiency	> 95%	
ELECTRICAL SPECIFICATIONS		
AC Input (only one selectable)	Any 1-phase AC mains	
AC Input Connection	In accordance with the customer request	
DC Output Voltage	1 - 25 V	
DC Output Current	1 - 40 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]		
Rack 19''	3U D540 including 40mm handles	17 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 62368-1	

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