



Part Number	PF-01-SS-R-V10-A100
Power	1 kVA
Transformer	Isolation transformer
Full Load Efficiency	> 93%
Input Connection	Standard Terminal blocks
Output Connection	Standard terminal blocks
VOLTAGE	
Input Range [PH-N]	190 – 267 Vac
Output [PH-N]	Double Range: #1 1 - 100Vac #2 1 - 10 Vac
Regulation System [PH-N]	Not adjustable as driven in current
Sensing Function	Yes driven in current. MCB036 board with current sensors.
Total Harmonic Distortion [THD]	< 0,5%
Static Line Regulation	< 1%
Static Load Regulation	< 1%
Dynamic stability of the output voltage upon load variation	< 0.2% with 30ms stabilization time with magnetic curve
Initialization time	10ms
CURRENT	
Output and Regulation	Double Range: #1 from 0.5A to 10A #2 from 9A to 100A
FREQUENCY	
Input Range	47Hz - 63Hz
Output [switchable from control panel and remote]	50Hz and 60 Hz [$\pm 0,01\%$]
Output [adjustable from control panel and remote]	from 40Hz to 80Hz [$\pm 1\%$]
OTHERS	
Noise level	60dBA
Power Protections	OVP, UVP, OCP, OTP
CONTROL PANEL	
Commands	LCD display 4 x 40 characters + command buttons
Voltage and current LCD Display accuracy	± 2 DIGIT
Voltage LCD Display resolution	no relevant in this case since there's no voltage regulation
Current LCD Display resolution	$\pm 1A$
Frequency value visualization	Yes
Output Current Value Visualization	Yes
COMMUNICATION INTERFACES	
Analog	MCB owned I/O 12 poles equipped with 0-10Vdc
RS232	Yes
Ethernet	Yes
Communication Protocols	0-10Vdc over analog I/O 12 poles & SCPI over RS232 and Ethernet
Reference Voltage of remote controls	Common ground with ground line
MECHANICAL	
Dimensions (W x H x D)	Rack 19" 3U D540mm
Weight	25kg
ENVIRONMENTAL	
Cooling	Air Forced Circulation
Operating Temperature	from 0° to +40°C
Storage Temperature	from -40° to +85°C
REGULATORY	
Safety	EN 61000-6-2 (2005) + AC (2005), EN 61000-6-4 (2007)+A1(2011), EN 61010-1 (2010) + A1/AC (2019)
EMC	2014/35/UE (LVD), 2014/30/UE(EMC)