



Power	10 kVA
Transformer	Isolation transformer as driven in current
Full Load Efficiency	> 93%
VOLTAGE	
Input Range [PH-PH]	350 – 440 Vac
Output [PH-N]	0-5Vac
Regulation System [PH-N]	-
Sensing	Yes
Total Harmonic Distortion (THD)	< 0,5%
Static Line Regulation	< 1%
Static Load Regulation	< 1%
Dynamic stability of the output voltage upon load variation	< 2% with resume time < 100ms
Time Response to load or line variation	< 1 ms
CURRENT	
Max Current Setup	Yes
Regulation Function	Yes [from 30A to 2000A]
FREQUENCY	
Input Range	47Hz - 63Hz
Output (switchable)	50Hz and 60 Hz [± 0,01%]
Additional Output Value (switchable)	400Hz [± 0,01%]
Regulation Function (adjustable)	from 40Hz to 80Hz [± 1% with 4 x 40 LCD control panel] [± 0,01% with 7" LCD touch screen]
PHASES	
Offset Modulation	-
OTHERS	
Crest factor	-
Noise level	80dBA
Power Protections	OVP, UVP, OCP, OTP
CONTROL PANEL	
LCD Display	[4 x 40 characters]
Voltage and current LCD Display accuracy	± 2 DIGIT
Voltage and current LCD Display resolution	± 0.1
Cos φ value visualization	Yes
Frequency value visualization	Yes
7" LCD Touch Panel Control	Optional
COMMUNICATION INTERFACES	
I/O 12 poles	Standard [0-10Vdc Accuracy Response ± 1%]
Serial Port RS232	Yes
Ethernet Port	Yes
Communication Protocols	SCPI & Lab View Drivers
Reference Voltage of remote controls	Common ground with ground line
MECHANICAL [isolation transformer]	
Plate Dimensions (L x H x D)	-
Plate Weight	-
Rack19" Dimensions	(6U + 5U) D540 including 40mm handles
Rack 19" Weight	65 kg
Tower Dimensions (L x H x D)	-
Tower Weight	-
ENVIRONMENTAL	
Cooling	Forced Circulation
Operating Temperature	from 0° to +40°C
Storage Temperature	from -40° to +85°C
REGULATORY	
Safety & EMC	CEI EN 62040-1, EN 62040-2, EN62040-3, EN 62368-1