



Part Number	PF-15-TT-T-V1.2-A12000
Power	15 kVA
Transformer	Isolation transformers
Full Load Efficiency	> 93%
Input Connection	Standard terminal blocks
Output Connection	Custom sized copper bars in the rear of the unit
<b>VOLTAGE</b>	
Input Range [PH-PH]	350 – 440 Vac
Output [PH-PH]	Max 1.2Vac
Regulation System [PH-PH]	No voltage regulation necessary
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 100ms stabilization time in thermic curve
<b>CURRENT</b>	
Output and Regulation	single range from 300A to 4000A per phase
<b>FREQUENCY</b>	
Input Range	47Hz - 63Hz
Output [switchable from control panel and remote]	50Hz and 60 Hz [± 0,01%]
<b>OTHERS</b>	
Noise level	70dBA
Power Protections	OVP, UVP, OCP, OTP
<b>CONTROL PANEL</b>	
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	± 1A
Frequency value visualization	Yes
Output Current Value Visualization	Yes, all the output 3-phases current values from local control panel, RS232/Ethernet and MCB owned analog interface (custom electronic board)
<b>COMMUNICATION INTERFACES</b>	
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
<b>MECHANICAL</b>	
Dimensions (W x H x D)	800mm x 1600mm x 600mm
Weight	450kg
<b>ENVIRONMENTAL</b>	
Cooling	Air Forced Circulation
Operating Temperature	from 0° to +40°C
Storage Temperature	from -40° to +85°C
<b>REGULATORY</b>	
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)