

POWER-BOOST

THREE-PHASE [TT]

BASIC



Tower



Maxi Tower

Power	9 kVA	15 kVA	21 kVA	30 kVA	45 kVA	60 kVA	80 kVA	100 kVA
Transformer	Standard autotransformer - Optional isolation transformer							
Full Load Efficiency	> 93%							
VOLTAGE								
Input Range	350 – 440 Vac							
Output Ranges and SWITCH Mode	LOW 3-260 Vac / HIGH 6-520 Vac Manual and Automatic Switch between LOW and HIGH through control panel							
Regulation System	Local [Command Buttons] and Remote [Interfaces]: 3-260Vac and 6-520Vac							
Remote Sensing Function	Yes - 2 wires and 4 wires options (Maximum Voltage Drop 5%)							
Total Harmonic Distortion (THD)	< 1%							
Line Regulation	< 1%							
Load Regulation	< 1%							
Regulation Time Response to the variation of Load or Line Voltage	< 1ms							
Stability of the Output Voltage	< 0,5 %							
CURRENT								
Max Current Setup	-							
Regulation Function	-							
RMS at 150Vac and 300Vac	3x20A/3x10A	3 x 33,3 A / 3 x 16,6 A	3 x 46,6 A / 3 x 23,3 A	3 x 66,6 A / 3 x 33,3 A	3 x 100 A / 3 x 50 A	3 x 133,3 A / 3 x 66,6 A	3 x 177,7 A / 3 x 88,8 A	3 x 222,2 A / 3 x 111,1 A
Inrush at 150Vac and 300Vac [6s]	3x30A/3x15A	3 x 50 A / 3 x 25 A	3 x 70 A / 3 x 35 A	3 x 100 A / 3 x 50 A	3 x 150 A / 3 x 75 A	3 x 200 A / 3 x 100 A	3 x 266,6 A / 3 x 133,3 A	3 x 333,3 A / 3 x 166,6 A
FREQUENCY								
Input Range	47Hz - 63Hz							
Output (switchable)	50Hz quartz and 60 Hz quartz							
Additional Output Value (switchable)	-							
Regulation Function (adjustable)	-							

Power	9 kVA	15 kVA	21 kVA	30 kVA	45 kVA	60 kVA	80 kVA	100 kVA
PHASES								
Offset Modulation	-							
OTHERS								
Crest factor	04:01							
Noise level	60dBA							
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	-							
Frequency value visualization	-							
7" LCD Touch Control Panel	-							
COMMUNICATION INTERFACES								
0-10Vdc	Standard [Accuracy Response ± 1%]							
Serial Port RS232	Standard [Either RS232 or LAN]. No both at the same time.							
LAN Port								
Reference Voltage of remote controls	Common ground with ground line							
MECHANICAL (auto transformer / isolation transformer)								
Plate Dimensions (W x H x D)	-	-	-	-	-	-	-	-
Plate Weight	-	-	-	-	-	-	-	-
Rack 19" Dimensions (W x H x D)	-	-	-	-	-	-	-	-
Rack 19" Weight	-	-	-	-	-	-	-	-
Tower Dimensions (W x H x D)	550 x 1100 x 800 mm	550 x 1100 x 800 mm	550 x 1100 x 800 mm	550 x 1100 x 800 mm	800 x 2000 x 800 mm	800 x 2000 x 800 mm	1000 x 2000 x 800 mm	1000 x 2000 x 800 mm
Tower Weight	150/175 kg	170/185 kg	180/210 kg	240/280 kg	300/350 kg	340/430 kg	380/480 kg	440/580 kg
ENVIRONMENTAL								
Cooling	Forced Circulation							
Operating Temperature	0° - 40°C							
Storage Temperature	- 40° - 85°C							
REGULATORY								
Safety and EMC	CEI EN 62040-1, EN 62040-2, EN62040-3, EN 60950-1:2007-02							