

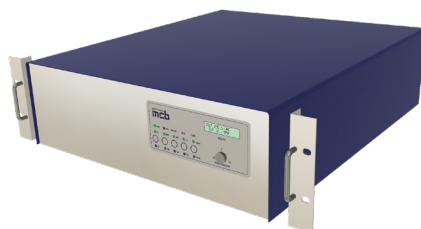
POWER-BOOST

THREE-PHASE SINGLE-PHASE [TS]

BASIC



Tower



Rack 19"



Power	10 kVA	17.5 kVA	25 kVA
Transformer	Standard autotransformer - Optional isolation transformer		
Full Load Efficiency	> 93%		
VOLTAGE			
Input Range [PH-PH]	350 – 440 Vac		
Output Ranges and Switch Mode [PH-N]	LOW 2-150Vac / HIGH 4-300Vac Manual Switch LOW/HIGH through control panel		
Regulation System [PH-N]	Local [Potentiometer]: 125Vac ± 25Vac and 250Vac ± 50Vac Remote [Interfaces]: 2-150Vac and 4-300Vac		
Sensing	Yes - (Maximum Voltage Drop 5%)		
Total Harmonic Distortion (THD)	< 1%		
Static Line Regulation	< 1%		
Static Load Regulation	< 1%		
Dynamic stability of the output voltage upon load variation	< 0.5%		
Time Response to load or line variation	< 1 ms		
CURRENT			
Max Current Setup	-		
Regulation Function	-		
RMS at 150Vac and 300Vac	66 A / 33 A	116,6 A / 58,3 A	166,6 A / 83,3 A
Inrush at 150Vac and 300Vac [6s]	99 A / 49,5 A	175 A / 87,5 A	250 A / 125 A
FREQUENCY			
Input Range	47Hz - 63Hz		
Output (switchable)	50Hz and 60 Hz [± 0,001%]		
Additional Output Value (switchable)	-		
Regulation Function (adjustable)	-		

Power	10 kVA	17.5 kVA	25 kVA
PHASES			
Offset Modulation		-	
OTHERS			
Crest factor	04:01		
Noise level	60dBA		70dBA
Power Protections	OVP, UVP, OCP, OTP		
CONTROL PANEL			
LCD Display	[2 x 16 characters] on Rack 19" - [4 x 40 characters] on Towers		
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 Panel Control	-		
COMMUNICATION INTERFACES			
0-10Vdc	Standard [Accuracy Response ± 1%]		
Serial Port RS232	RS232 or Ethernet. No both at the same time.		
Ethernet Port			
Communication Protocols	SCPI and LabView Drivers		
Reference Voltage of remote controls	Common ground with ground line		
MECHANICAL (auto transformer / isolation transformer)			
Plate Dimensions (L x H x D)	-	-	-
Plate Weight	-	-	-
Rack19" Dimensions	(6U + 4U) D540 Including 40mm handles	(6U + 4U) D720 Including 40mm handles	-
Rack 19" Weight	36/46 kg	62/72 kg	-
Tower Dimensions (L x H x D)	550 x 1100 x 800 mm	550 x 1100 x 800 mm	550 x 1100 x 800 mm
Tower Weight	95 / 105 kg	100 / 110 kg	120 / 135 kg
ENVIRONMENTAL			
Cooling	Forced Circulation		
Operating Temperature	from 0° to +40°C		
Storage Temperature	from -40° to +85°C		
REGULATORY			
Safety and EMC	CEI EN 62040-1, EN 62040-2, EN62040-3, EN 60950-1:2007-02		