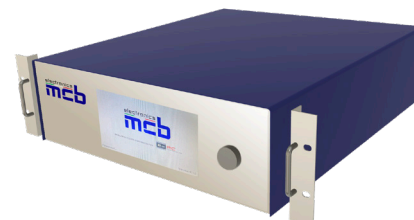
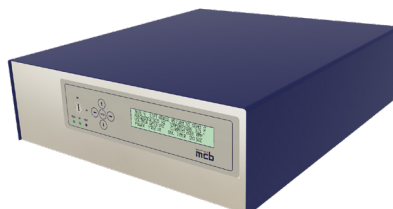
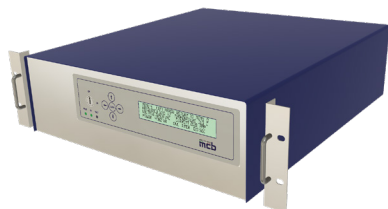


POWER-BOOST

SINGLE - PHASE [SS]

PREMIUM



Rack 19"

Power	1.5 kVA	3 kVA	5 kVA	7.5 kVA
Transformer	Standard autotransformer - Optional isolation transformer			
Full Load Efficiency	> 93%			
VOLTAGE				
Input Range [PH-N]	190 - 267 Vac			
Output Ranges and Switch Mode [PH-N]	LOW 2-150Vac / HIGH 4-300Vac Manual and Automatic Switch LOW/HIGH through control panel			
Regulation System [PH-N]	Local [Command Buttons] and 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	Yes			
Regulation Function	Yes			
RMS at 150Vac and 300Vac	10 A - 5 A	20 A - 10 A	33,3 A - 16,6 A	50 A - 25 A
Inrush at 150Vac and 300Vac [6s]	15 A - 7,5 A	30 A - 15 A	50 A - 25 A	75 A - 37,5 A
FREQUENCY				
Input Range	47Hz - 63Hz			
Output (switchable)	50Hz and 60 Hz [± 0,001%]			
Additional Output Value (switchable)	400Hz [± 0,001%]			
Regulation Function (adjustable)	from 40Hz to 80Hz [± 1% with 4 x 40 LCD control panel] [± 0,001% with 7" LCD touch screen]			

Power	1.5 kVA	3 kVA	5 kVA	7.5 kVA
PHASES				
Offset Modulation	-			
OTHERS				
Crest factor	04:01			
Noise level	60dBA			
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 Control Panel	Optional			
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	-	-	-	-
Rack 19" Dimensions	3U D540 including 40mm handles	[3U D540] / [6U D540]	[3U D540] / [6U D540]	[3U D540] / [6U D540]
Rack 19" Weight	14 / 21 kg	18 / 27 kg	22 / 31 kg	29 / 44 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 60950-1:2007-02			