

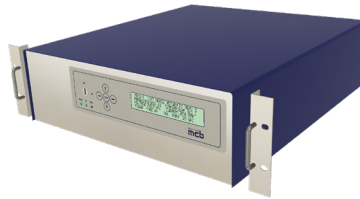
## POWER-TRUST

### THREE-PHASE SINGLE-PHASE [TS]

#### BASIC



Tower



Rack 19"

Power	10 kVA	17.5 kVA	25 kVA
Transformer	No		
Full Load Efficiency	> 96%		
<b>VOLTAGE</b>			
Input Range	350 – 440 Vac		
Output Range	Mains Voltage - 4V		
Regulation System	Local [Potentiometer/Command Buttons]: 200-300Vac Remote [Interfaces]: 2-300Vac		
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 %		
<b>CURRENT</b>			
Max Current Setup	-		
Regulation Function	-		
RMS	33 A	58,3 A	83,3 A
Inrush [6s]	49,5 A	87,5 A	125 A
<b>FREQUENCY</b>			
Input Range	47Hz - 63Hz		
Output (switchable)	50Hz quartz and 60 Hz quartz		
Additional Output Value (switchable)	-		
Regulation Function (adjustable)	-		

Power	10 kVA	17.5 kVA	25 kVA
<b>PHASES</b>			
Offset Modulation	-		
<b>OTHERS</b>			
Crest factor	04:01		
Noise level	60dBA		70dBA
<b>CONTROL PANEL</b>			
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 Control Panel	-		
<b>COMMUNICATION INTERFACES</b>			
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		
<b>MECHANICAL</b>			
Plate Dimensions (W x H x D)	-	-	-
Plate Weight	-	-	-
Rack19" Dimensions (W x H x D)	6U D540 Including 40 mm handles	6U D720 Including 40 mm handles	-
Rack 19" Weight	24 kg	40 kg	-
Tower Dimensions (W x H x D)	-	550 x 1100 x 800 mm	550 x 1100 x 800 mm
Tower Weight	-	67 kg	80 kg
<b>ENVIRONMENTAL</b>			
Cooling	Forced Circulation		
Operating Temperature	0° - 40°C		
Storage Temperature	- 40° - 85°C		
<b>REGULATORY</b>			
Safety and EMC	CEI EN 62040-1, EN 62040-2, EN62040-3, EN 60950-1:2007-02		