

SINGLE-PHASE [SS] - BASIC - PLATE - ISOLATION TRANSFORMER



Part Number	BB-1.5-SS-P-IS	BB-03-SS-P-IS	BB-05-SS-P-IS	BB-7.5-SS-P-IS
Power	1.5 kVA	3 kVA	5 kVA	7.5 kVA
Transformer	Isolation Transformer			
Full Load Efficiency	> 93%			
VOLTAGE [plate - only remote control]				
Input Range	190 - 267 Vac			
Output Ranges and Switch Mode	LOW 2-150Vac HIGH 4-300Vac Switch LOW/HIGH through remote interface			
Regulation System	Only 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 [plate - only remote control]				
Max Current Setup	-			
Regulation Function	-			
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 [plate - only remote control]				
Input Range	47Hz - 63Hz			
Output (switchable)	50Hz and 60 Hz [± 0,01%]			
Additional Output Value (switchable)	-			
Regulation Function (adjustable)	-			
PHASES				
Offset Modulation	-			

OTHERS				
Crest factor	04:01			
Noise level	Min 30dba Max 60dBA			
Power Protections	OVP, UVP, OCP, OTP			
CONTROL PANEL [plate - only remote control]				
LCD Display	Only LED indicators			
Voltage and current LCD Display accuracy	-			
Voltage and current LCD Display resolution	-			
Cos ϕ value visualization	-			
Frequency value visualization	-			
7" LCD Touch Panel Control	-			
COMMUNICATION INTERFACES				
Analog	I/O 12 poles equipped with 0-10Vdc [accuracy response \pm 1%]			
RS232	Yes			
Ethernet	Yes			
Communication Protocols / Drivers	SCPI (over RS-232 and Ethernet) / LabView Drivers			
Reference Voltage of remote controls	Common ground with ground line			
MECHANICAL [autotransformer / isolation transformer]				
Plate Dimensions (W x H x D)	420 x 132,5 x 500 mm	420 x 132,5 x 500 mm	2 x [420 x 132,5 x 500 mm]	2 x [420 x 132,5 x 500 mm]
Plate Weight	21 kg	27 kg	37 kg	44 kg
Rack19" Dimensions	-	-	-	-
Rack 19" Weight	-	-	-	-
Tower Dimensions (W x H x D)	-	-	-	-
Tower Weight	-	-	-	-
ENVIRONMENTAL				
Cooling	Air Forced Circulation with automatic fan speed regulation			
Operating Temperature	from 0° to +40°C			
Storage Temperature	from -40° to +85°C			