

## TECHNOVISION ENERGY PVT. LTD.

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## **Technical Specification IGBT Based Static Voltage Stabilizer**

SPECIFICATION	SINGLE PHASE	THREE PHASE
INPUT		
Capacity	1KVA TO 10KVA	10KVA TO 30KVA
Technology	IGBT based PWM Inverter	IGBT based PWM Inverter
Nominal input voltage	230 V AC Single Phase	415 V AC Three Phase
Normal operating Voltage	170- 270 V AC Single Phase (or as per	360-460 V AC Three Phase (or as per
	requirement)	requirement
Relaxed operating voltage	160-300V for liberal regulation within	
	rated input current capacitor	
Operating Frequency	47 – 53 Hz	47 – 53 Hz
Input circuit breaker	Provided (with limited inrush current	Provided (with limited inrush current
	capability)	capability)
Ac connection	Terminal block (Lin ,Nin and ground	Terminal block (L1in,L2in,L3in ,Nin
	wires) provided	and ground wires) provided
Ambient Temperature	10°C to 45°C	10°C to 45°C
Trip And Restart	Auto / Manual	Auto / Manual
OUTPUT		
Nominal output voltage	230 V AC Single Phase	415 AC Three Phase
Output Voltage Adjustable	220 – 240 V AC in Single Phase	380 – 415 V AC in Three Phase
Output Voltage Regulation	230±1%	415±1%
Output Frequency	50Hz	50Hz
Ac connection	Terminal block (Lo ,No and ground	Terminal block (R,Y,B ,Nin and
	wires) provided	ground wires) provided
Panel Indications	Input – On	Input – On
	Output –On	Output –On
	Input – Low	Input – Low
	Output -high	Output -high
	Trip	Trip
Display	Digital Display, LCD Type - Micro	Digital Display, LCD Type - Micro
	Controller Based	Controller Based
Mode of system	Fully automatic / manual	Fully automatic / manual
Protections	Low voltage protection	Low voltage protection
	High voltage protection	High voltage protection
	Overload protection with MCB / MCCB	Overload protection with MCB /
	<b>Short Circuit protection</b>	MCCB
	Single Phasing preventer	Short Circuit protection
		Single Phasing preventer
ENVIRONMENT		
Ambient Temperature	0°C to 45°C	0°C to 45°C
Cabinet cooling method	Fan Forced-Cooled	Fan Forced-Cooled
PHYSICAL(W*H*L)		
Warranty		