

# STATIC STABILIZER

3 PHASE- AIR COOL-10KVA TO 60KVA



# TECHNICAL SPECIFICATIONS

Model	VGES10000	VGES15000	VGES20000	VGES25000	VGES30000	VGES40000	VGES50000	VGES60000
Topology	IGBT based							
Input Power	3 Phase Input - 3 Phase Output							
Capacity	10KVA	15 KVA	20 KVA	25 KVA	30 KVA	40 KVA	50 KVA	60 KVA

## INPUT

Input Voltage	±135- 360V - 470V, ±15% - 360V-480V,±20% - 330V - 500V							
Max Rated I/P	16A/17A/18A	24A/25A/27A	32A/34A/36A	40A/41A/45A	47A/50A/54A	63A/66A/72A	78A/83A	94A/99A
Normal Frequency	47-55Hz							
AC Connection	Terminal Block L1,L2,L3,N-G Five Wire							

## OUTPUT

Output Voltage	400V AC, 415 V AC							
Voltage Reg.	±1 V							
Power Efficiency	97%							
Max Rated O/P	14A	21A	28A	35A	42A	56A	70A	84A

## PROTECTION

Standard & Safety	Class IP-20
OV/UV	Electronic Cutoff Over/Under Voltage & Phase missing
Overload & Short-circuit	CT-based electronic cutoff with time-delay setting, triggered at 110% of rated full load current, integrated with an input circuit breaker.
Soft-start	At switch-on, the device ensures the output voltage does not surpass the input voltage until stable conditions are reached.
Manual Bypass	Optional
Surge Test Condition	As per Class 2 Surge (Combination Weaves)
Reset Mode	Manual & Auto reset provided
Mounting	Wheel Mounted with breaks
Enclosure	MS Powder coated

## ENVIROMENT

Ambient temperature	0°C to -45°C, 10 to 90% RH non-condensing
COOLING	Forced Air Cool

## DISPLAY

LCD Display	4 Line LCD display Showing input, output Voltage, Load % Fault annuciation
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## KEY FEATURES

Advanced Digital Signal Processor (DSP) Control

Fully Contactless Power Path for Enhanced Reliability

Instant Voltage Correction in Less Than 20 ms

High Crest Factor Support (1:10 Ratio)

High Efficiency with Soft Start Functionality

Low Impedance Design for Optimal Performance