

**VSPM SERIES - 10 KVA TO 40 KVA (3 PHASE) $\pm 13\%$ / $\pm 15\%$ / $\pm 20\%$
50 KVA TO 60 KVA (3 PHASE) $\pm 13\%$ / $\pm 15\%$**

FAST CORRECTION- PRECISE REGULATION

V-Static Power Automatic Precision Voltage Regulator allows fast voltage correction using high frequency Insulated Gate Bipolar Transistor (IGBT) controlled through continuous PWM topology. It takes input voltage, measure against the nominal voltage and add or subtract voltage within 20 millisecond (20000 times per second), provides precise output voltage within $\pm 1\%$ range.



SPECIFICATION OF VSPM SERIES

3 PH IN - 3 PH OUT - 10KVA TO 60 KVA

Model	VSpn10000	VSpn15000	VSpn20000	VSpn25000	VSpn30000	VSpn40000	VSpn50000	VSpn60000
Topology	DSP Controlled IGBT based Static Voltage Stabilizer.							
Input Power	3 Phase Input- 3 Phase Output							
Capacity	10 KVA	15 KVA	20 KVA	25 KVA	30 KVA	40 KVA	50 KVA	60 KVA
INPUT								
Input Voltage Window	±13% - 360V-470V, ±15% - 360V-480V, ±20% - 330V-500V							
Maximum Rated I/P Current	16A/17A/18A	24A/25A/27A	32A/34A/36A	40A/41A/45A	47A/50A/54A	63A/66A/72A	78A/83A	94A/99A
Nominal Frequency	47-60Hz							
AC Connection	Terminal Block L1,L2,L3, N-G Five Wire							
OUTPUT								
Nominal Output Voltage	400 V AC , 415 V AC							
Voltage Regulation	± 1 % V							
Power Efficiency	Typically Over 97% (20%-100% Load Condition							
Maximum Rated O/P Current	14A	21A	28A	35A	42A	56A	70A	84A
ENVIROMENT								
Ambient Temperature	0C-45C 10 to 90% RH non Condensing							
COOLING	Forced Air Cool							
DISPLAY								
LCD Display	4 Line LCD display Showing input, output Voltage, Load %, Fault Annunciation							
PROTECTION								
Standard & Safety	Design to meet UL 60905-1 Standard Protection Class IP-20							
OV/ UV	Electronics cutoff Over/ Under Voltage & phase missing							
Overload & Shortcircuit	CT based Electronics Cutoff with grade Time-delay Set 110% at rated full load current, Input Circuit Breaker.							
Soft-start	This features ensure that output voltage is never higher than input voltage upon switch ON before it commences full stabilization							
Manual Bypaas	Optional							
Surge Test Condition	As Per Class 2 Surge (Combination Weaves)							
Surge let through Voltage	8×20μs upto 40 Ka waveform L-N< 460V							
Reset Mode	Manual & Auto reset provided							
Mounting	Wheel Mounted with breaks							
Enclosure	MS Powder coated							

