

VSPH SERIES - 60 KVA TO 100 KVA (3 PHASE) $\pm 13\%$ / $\pm 15\%$ / $\pm 20\%$
125 KVA TO 150 KVA (3 PHASE) $\pm 13\%$ / $\pm 15\%$
175 KVA TO 200 KVA (3 PHASE) $\pm 13\%$

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 VSPH SERIES

3 PH IN - 3 PH OUT - 60 KVA TO 200 KVA

Model	VSph60000	VSph75000	VSph100000	VSph125000	VSph150000	VSph175000	VSph200000
Topology	DSP Controlled IGBT based Static Voltage Stabilizer.						
Input Power	3 Phase Input- 3 Phase Output						
Capacity	60 KVA	75 KVA	100 KVA	125 KVA	150 KVA	175 KVA	200 KVA
INPUT							
Input Voltage Window	±13% - 360V-470V, ±15% - 360V-480V, ±20% - 330V-500V						
Maximum Rated I/P Current	94A/99A/107A	116A/123A/133A	157A/165A/180A	196A/207A	235A/248A	273A	312A
Nominal Frequency	47-60Hz						
AC Connection	Terminal Block L1,L2,L3, N-G Five Wire						
OUTPUT							
Nominal Output Voltage	415 V AC						
Voltage Regulation	± 1 % V						
Power Efficiency	Typically Over 97% (20%-100% Load Condition)						
Maximum Rated O/P Current	84A	104A	140A	175A	210A	245A	280A
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 weaveform L-N< 460V						
Reset Mode	Manual & Auto reset provided						
Mounting	Wheel Mounted with breaks						
Enclosure	MS Powder coated						

