

Specification of VSph Series 3 PH IN- 3 PH OUT 60KVA - 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	0°C-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 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	Provided						
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						
Dimension							
Mounting	Wheel Mounted with breaks						
Enclosure	MS Powder coated						