

VSps Series- 3 KVA TO 10 KVA (1 PHASE) $\pm 15\%$ $\pm 20\%$, $\pm 25\%$

15 KVA TO 20 KVA (1 PHASE) $\pm 15\%$ $\pm 20\%$

Specification of VSps Series 1 PH IN- 1 PH OUT - 3KVA to 20 KVA

Model	VSps3000	VSps5000	VSps7500	VSps1000	VSps15000	VSps20000
Topology	DSP Controlled IGBT based Static Voltage Stabilizer.					
Input Power	1 Phase Input- 1 Phase Output					
Capacity	3 KVA	5 KVA	7.5 KVA	10 KVA	15 KVA	20 KVA
INPUT						
Input Voltage Window	15%-190-270V, 20%-180-280V, 25%-170-290V AC					
Maximum Rated I/P Current	16A	27A	40A	54A	79A	105A
Nominal Frequency	47-60Hz					
AC Connection	Terminal Block LNG Three Wire					
OUTPUT						
Nominal Output Voltage	230 VAC					
Voltage Regulation	± 1 % V					
Power Efficiency	Typically Over 97% (20%-100% Load Condition)					
Maximum Rated O/P Current	12A	22A	32A	43A	65A	87A
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					