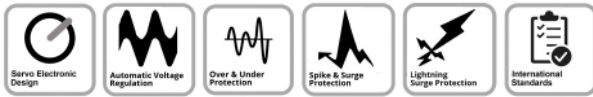


Servo-Electronic / Electro-Dynamic Three Phase AC Automatic Voltage Stabiliser / Optimiser / Regulator



Three Phase

SVS-30H-3P-S15 (400V)



System Parameters

Rated Power:	30	[kVA]
Input Variation Range:	±15	[%]
Nominal Voltage:	400/230 [Three Phase, 4 Wire (With Neutral) +G/E]	[Volts]
Input Voltage Range:	340 - 460 [L-L] / 196 - 264 [L-N]	[Volts]
Max Input Current per Phase:	52	[Amps]
Output Voltage:	400/230 [Three Phase, 4 Wire (With Neutral) +G/E]	[Volts]
Output Current per Phase:	43.3	[Amps]
Output Accuracy:	±1 [Adjustable 1 to 5]	[%]
Frequency:	50/60 [47 - 63]	[Hz]
Speed of Regulation:	Typically a 10% supply variation will be corrected within 2.5% in 0.6 seconds	[Seconds]
Efficiency:	≥ 98	[%]
Admitted Load Variation:	Up to 100	[%]
Cooling:	Natural Ventilation [aided with fans]	[-]
Operating Ambient Temperature:	0/+45	[°C]
Storage Temperature:	-25/+60	[°C]
Max Relative Humidity:	90	[%]
Admitted Overload:	150% for 10 seconds	[%]
Harmonic Distortion:	None Introduced	[-]
Colour:	RAL 7032 [Pebble Grey]	[-]
Ingress Protection Degree:	IP20	[-]
Metering (Front Panel):	Digital - Output Volts & Current [with phase selector switches]	[-]
LED Status Indication (Front Panel):	On, Output Over and Under Volts & Output Normal	[-]
Installation:	Indoor - Hardwired [bottom cable entry]	[-]
Physical Size: (W x H x D)	300(W) x 535(H) x 630(D)	[mm]
Weight:	84	[Kg]

Additional Features

Independent Phase Control
Input Circuit Breaker
Output Contactor
Inbuilt Electronic Controls Bypass Switch
TVSS - Protects loads against high-energy Spikes and Transient Voltages
Automatic Re-Start in the event of a Utility Mains Supply Failure
Class II SPD - 40kA Lightning Surge Arrestors
Over & Under Volts, Phase Failure, Over Current and Soft-Switch On / Start Up Load Protection
Extremely Low Maintenance



Add-On Options

- DPM	Digital Power Metering of the Input & Output [showing V, A, W, VAR, PF, W Hrs and VAR Hrs] with RS/485 Interface
- OCB	Output Circuit Breaker
- MBS	Inbuilt Manual Maintenance Bypass Breaker
- PC	Input Isolation Transformer [Power Conditioning]
- IP54	IP54 /NEMA 3 Style Enclosure [for outdoor or more challenging internal environments]
- AS	AquaStop [PCB Protective Coating - offering protection against damp and moisture ingress]

Servo-Electronic / Electro-Dynamic Three Phase AC Automatic Voltage Stabiliser / Optimiser / Regulator

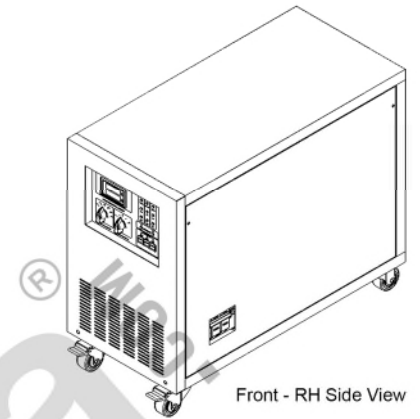
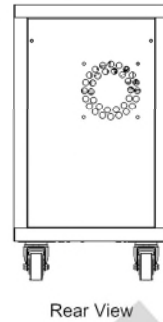
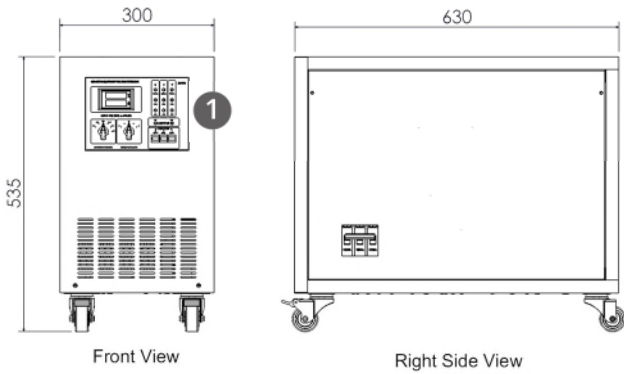


Three Phase

SVS-30H-3P-S15 (400V)

Physical Appearance, Sizes & Weights

Unpacked:	300(W) x 535(H) x 630(D) mm - 84 Kg
Packed:	45(W) x 73.5(H) x 78(D) cm - 114 Kg



General Schematic Diagrams

