

SBW- Series (Automatic Voltage Regulator/Stabiliser)-Vertical Transformer(VT)

| SPECIFICATION: | | | | | | |
|-----------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------|--------------------------|---------------------|
| Model | Capacity (KVA) | Input Voltage(VAC) | Output Voltage(VAC) | Rated Current (A) | Dimension W x D x H (mm) | Approx. Weight (Kg) |
| SBW50K | 50KVA | +/- 20% 380 VAC 400 VAC 415 VAC | +/- 1.5% 380 VAC 400 VAC 415 VAC | 69.5 | 935 x 760 x 1560 | 230 |
| SBW80K | 80KVA | | | 97.3 | 980 x 760 x 1720 | 255 |
| SBW100K | 100KVA | | | 139.1 | 980 x 760 x 1720 | 480 |
| SBW150K | 150KVA | | | 208.6 | 1210 x 910 x 2140 | 780 |
| SBW200K | 200KVA | | | 278.2 | 1210 x 910 x 2140 | 950 |
| SBW250K | 250KVA | | | 347.7 | 1210 x 910 x 2140 | 1050 |
| SBW320K | 320KVA | | | 445 | 1355 x 1060 x 2270 | 1200 |
| SBW400K | 400KVA | | | 556.3 | 1355 x 1060 x 2270 | 1400 |
| SBW500K | 500KVA | | | 695.4 | 1360 x 1215 x 2350 | 1900 |
| SBW600K | 600KVA | | | 834.5 | 1360 x 1215 x 2350 (2) | 2400 |
| SBW800K | 800KVA | | | 1112.6 | 1360 x 1215 x 2350 (4) | 2850 |
| SBW1000K | 1000KVA | | | 1390.8 | 1360 x 1215 x 2350 (4) | 3500 |
| SBW1500K | 1500KVA | | | 2086.2 | 1360 x 1215 x 2350 (6) | 5800 |
| SBW2000K | 2000KVA | | | 2781.6 | 1360 x 1215 x 2350 (6) | 7100 |
| GENERAL TECHNICAL SPECIFICATION | | | | | | |
| Type | | Vertical Transformer (VT) – Servo Motor / Chain Control | | | | |
| Input | Voltage Range | 380/400/415VAC 3Ø +/- 20 % | | | | |
| | Frequency Range | 50Hz / 60Hz | | | | |
| | Phase | Three Phase + Neutral + GND | | | | |
| Output | Voltage range | 380/400/415VAC 3Ø +/- 1.5 % (Adjustable Voltage By Preset) | | | | |
| | Frequency range | Synchronized with the supply frequency (Line Mode), 50/60Hz | | | | |
| | Power factor | 0.95 | | | | |
| | Wave Form | Sinusoidal Pure Sine Wave / No Distortion | | | | |
| | Phase | Three Phase + Neutral + GND | | | | |
| | Overload capacity | 120% - 60s, 200% - 10s | | | | |
| Display | | Digital / Analogue I/P & O/P Voltage Meter, 3 x Digital / Analogue Current Load Meter, 5 x Light | | | | |
| Protection | | Over Voltage 436VAC, Low Voltage 320VAC, Short Circuit, Surge, Over Load, Delay, Phase Failure | | | | |
| Control | | Power ON / OFF - Static Contactor Switch, Display Voltage Selector Switch, Emergency Stop, Stabiliser or Bypass Selector Switch, Auto or Manual Selector Switch (increase/Reduce Voltage) | | | | |
| Response Time | | 35-70ms / Volt | | | | |
| Insulation Resistance | | > 2M | | | | |
| Features | | Compensator & Auto Self Starting after Power Failure | | | | |
| Electrical Strength | | 2000V Power frequency for 60Seconds without breakdown and flash over | | | | |
| Efficiency | | > 95% | | | | |
| Environment | Temperature | 0 – 45°C | | | | |
| | Humidity | 10% - 90% (No Condensation) | | | | |
| | Audible Noise | 45dB - 55dB at 1Meter | | | | |
| * For Custom Made SBW, Specification, Size & Weight will be Changed or as User request as possible. | | | | | | |

* Specifications subject to change without prior notice

Note : Isolation Transformer is Available Upon Request