



# POWERHOUSE

## Reliable Power Solutions

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### CONSTANT VOLTAGE TRANSFORMERS (150VA - 20kVA)

#### FEATURES:

- **Input Voltage:** Single Phase, 230V (184-276). Other voltage on request
- **Supply Frequency:** 50Hz
- **Output Voltage:** 230V. Other voltages on request
- **Output Accuracy:** Better than 3% (1% option available)
- **Harmonic Distortion:** Typically less than 2%
- **Effect of Frequency Change:** 1% change in frequency produces approximately 2.5% change in output voltage.
- **Response:** Typically 1-2 cycles (20-40ms)
- **Overload:** Short circuit limited
- **Efficiency:** Approximately 85% at full load



| Model*   | Input/Output | Rating | Current | Dimensions (W x H x D) mm | Mass  |
|----------|--------------|--------|---------|---------------------------|-------|
| SC150S   | 230V/230V    | 120W   | 0.52A   | 290 x 231 x 400           | 17kg  |
| SC250S   | 230V/230V    | 200W   | 0.87A   | 290 x 231 x 400           | 18kg  |
| SC500S   | 230V/230V    | 400W   | 1.74A   | 290 x 231 x 400           | 21kg  |
| SC750S   | 230V/230V    | 600W   | 2.61A   | 290 x 231 x 400           | 24kg  |
| SC1000S  | 230V/230V    | 800W   | 3.48A   | 290 x 231 x 400           | 26kg  |
| SC1500S  | 230V/230V    | 1200W  | 5.22A   | 290 x 231 x 400           | 36kg  |
| SC2000S  | 230V/230V    | 1600W  | 7.27A   | 400 x 263 x 550           | 55kg  |
| SC2500S  | 230V/230V    | 2000W  | 9.09A   | 400 x 263 x 555           | 59kg  |
| SC3000S  | 230V/230V    | 2400W  | 10.91A  | 400 x 263 x 565           | 65kg  |
| SC4000S  | 230V/230V    | 3200W  | 14.55A  | 400 x 263 x 600           | 83kg  |
| SC5000S  | 230V/230V    | 4000W  | 18.18A  | 400 x 263 x 600           | 90kg  |
| SC6000S  | 230V/230V    | 4800W  | 21.82A  | 540 x 365 x 908           | 154kg |
| SC7500S  | 230V/230V    | 6000W  | 27.27A  | 540 x 365 x 925           | 172kg |
| SC10000S | 230V/230V    | 8000W  | 36.36A  | 540 x 365 x 970           | 212kg |
| SC12000S | 230V/230V    | 9600W  | 43.64A  | 450 x 890 x 1100          | 290kg |
| SC15000S | 230V/230V    | 12000W | 54.55A  | 450 x 890 x 1100          | 340kg |
| SC18000S | 230V/230V    | 14400W | 65.45A  | 450 x 890 x 1100          | 435kg |
| SC20000S | 230V/230V    | 16000W | 72.73A  | 450 x 890 x 1100          | 450kg |