



Three Phase Line Conditioner “Electrovolt”

Line Conditioning or Constant Voltage Transformers (CVT) are the next best solution to online UPS systems if total protection from mains failure is not required. These units provide total galvanic isolation between supply and load. They allow earthing of the secondary neutral, thus providing complete isolation against voltage drops, surges, spikes and electrical noise. They also offer protection against lightning.

Applications:

- Transmission and Telecommunication equipment
- Radar systems in naval and air navigation
- Computer data processing equipment
- Numerical control machines
- Photography processing and Laboratory equipment
- Test equipment
- Electric furnaces
- Illumination
- Medical equipment
- Any electrical or electronic equipment sensitive to voltage variations



MODELS

MODEL	INPUT//OUTPUT	RATING	CURRENT	DIMENSIONS	APPR. WEIGHT
SE10-3	400//400 V	10 k W	15 A	335 x 610 x 845	120 kg
SE20-3	400//400 V	20 k W	30 A	335 x 610 x 845	130 kg
SE30-3	400//400 V	30 kW	45 A	335 x 610 x 845	150 kg
SE40-3	400//400 V	40 k W	60 A	405 x 685 x 1065	180 kg
SE50-3	400//400 V	50 k W	70 A	405 x 685 x 1065	190 kg
SE60-3	400//400 V	60 k W	90 A	405 x 685 x 1065	210 kg

TECHNICAL SPECIFICATIONS FOR THREE PHASE CVT

Input Voltage	Three phase, 380, 400, 415 Vt
Input Regulation	± 15% (others on request)
Frequency	48 - 63 Hz
Power Factor	0.95%
Output Voltage	Three Phase, 380, 400, 415 V
Accuracy	± 1%
Output Voltage Adjustment	± 5%
Nominal Power Range	From 10 kVA to 60 kVA
Harmonic Distortion	NIL
Overload	200% for 2 minutes, 500% for 10 seconds, 1000% for 10 milli seconds
Operation Temperature	-10 Deg C to +45 Deg C
Relative Humidity	0 to 95% non-condensing
Operating elevation	Sea level to 2400m

The manufacturer reserves the right to change specifications without prior notice.