



COMPACT SUBSTATIONS



Unit 1 Address: D-38, Phase IV (Extn), IDA., Jeedimetla, Hyderabad - 500 055, T.S. Phone: 040-23091217, 040-23095558, 040-23091222

Unit 2 Address: Plot No. 12, Phase-IV, IDA., Jeedimetla, Hyderabad 500 055, T.S. Phone: 040-40201754

Unit 3 Address: Plot No 7/A, Phase- V, Jeedimetla, Hyderabad - 500 055, T.S. Phone: 040-47766138

COMPACT SUBSTATIONS

Salient Features:

- Modular & compartmentalized
- Self-contained package substation
- All the equipment packed in a separate compartment
- compartments are individually accessible
- Completely safe for operator
- Ready for installation

Low Voltage Compartment:

- Rated upto 2000A, 440V
- Completely customizable
- With proven standard components i.e., Air Circuit Breakers, Miniature Circuit Breakers etc.
- Flexibility in arrangements & configurations

Transformer Compartment:

- Upto 1250kVA
- Choice of oil cooled & dry type transformers
- Hermetically sealed corrugated type oil transformer
- Minimal losses
- Off Load Tap Changing
- Compliant to K/08 as per IEC 62271-202

Medium Voltage Compartment:

- Choice of HT panel or Ring Main Unit
- The product conforms to IEC 62271-200

General Characteristics:

Ambient Temperature	-5°C to 45°C
Standard Colour	RAL 7032
Installation	Outdoor
Compartmentalized	Yes
Type of Ventilation	Natural
Optional degree of protection	MV & LV Compartment – IP54, Transformer Compartment – IP23
Rated enclosure class	K5 - 10

Electrical Characteristics:

Rated voltage (kV)	12	24
Rated insulation level (KV rms, 50Hz, 1min)	28	50
Rated insulation level (KV impulse, 1.2/50 μ s)	75	125
Rated Frequency (Hz)	50	50
Rated current of MV switchgear/CB's (A)	630	630
Max. allowable impulse current withstand (kA rms-1s)	21	16
Max. allowable impulse current withstand (kA peak)	50	40
Max. LV current (A)	3200	3200
LV current withstand (kA)	50/65	50/65

*33KV available on request

