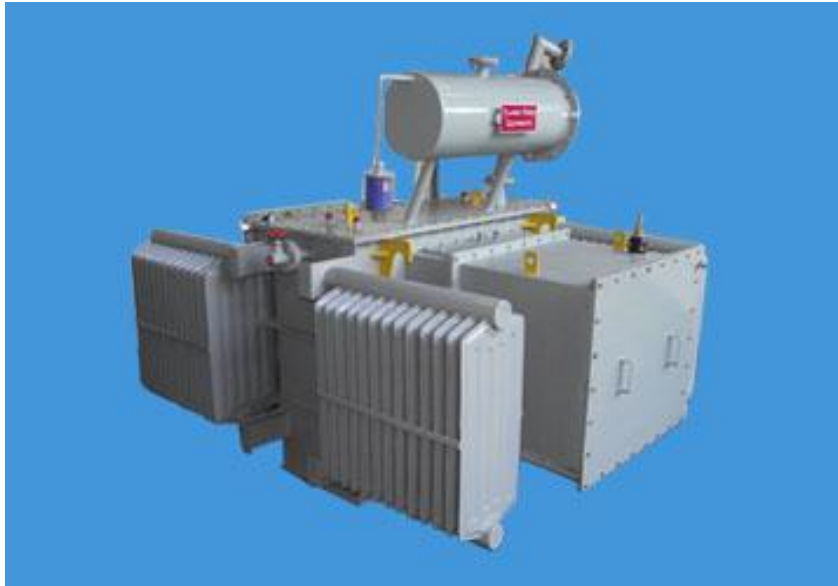


# Transformers



## **a). Power Transformers -**

We manufacture both on load & off circuit tap switch type power transformer. These Transformers are generally used in receiving substation for feeding residential, commercial & bulk consumers. These transformers can be used for both Outdoor or Indoor purposes. Our transformers have voltage rating from 11 to 66 kV, however any other ratings are also possible on the request of the clients.

## **b). Oil Immersed Distribution Transformers -**

We manufacture both hermetically sealed, corrugated radiator type and conventional rectangular tank type distribution Transformers. These Transformers are generally used in distribution network for feeding residential, commercial & bulk consumers. These transformers can be used for both Outdoor or Indoor purposes. The voltage class ranges from 3.3 to 33 kV or any specific ratings and design as specified by the client.

## **c). EHV Transformers -**

We manufacture both on load & off circuit tap switch type EHV transformer. EHV transformer have voltage class 66KV or above. These transformers are generally used for stepping down voltage from transmission line. EHV transformers generally have force cooling & on load tap changer. The voltage class for these transformers range from 66 to 220 kV and can be used for both Outdoor as well as Indoor purposes.

#### d). Unitised Substations -

Unitised substation are designed for locations where space and safety is a concern, population density is high, such as urban centre. Unitised substation is divided in three section or compartment- Medium Voltage, Transformer and Low Voltage Switchboard. Unitised substations are designed in accordance with IS 14786 / IEC 61330 standards with degree of protection for IP 23 Transformer and IP 54 for MV & LV compartments or as per customer requirement. Following are the dimensional and weight details for a typical 11kV, Unitized substation with off circuit type oil cooled Transformer.

SR.	Rating	Overall dimensions(mm)			Approx WT.
No.	kVA	Length(L)	Breadth(B)	Height(H)	(KGS)
1	100 to 250	2600	1800	2000	2500
2	315 to 630	2800	2000	2200	3800
3	750 to 1000	3000	2200	2400	5200
4	1250 to 2000	3200	2400	2600	7000

*\*Dimensions and weight may vary for any specific or special requirement.*