

## Three Phase Transformer Features

SL No	Technical Particulars	Data Specification	
1	Design Standard:	IEC-76, BS-171, ANSI etc.	
2	Type:	Three Phase Wound core	
3.	Application	Outdoor/Indor	
4.	Winding Material:	High Conductivity Copper	
5.	Core Type and Materials:	CRGO Silicon steel	
6.	Nominal Voltage	HT=11000 V	HT= 33000 V
		LT= 415 V	LT=415 V
7.	Rated Frequency	50/60 Hz	
8.	Rating	50 KVA to 5000 KVA or others on request	
9.	Impedance	As per required	
10.	Vector Group	As per required	
11.	Colling Method	ONAN	
12.	Maximum Temperature rise at full load		
	a) Winding	Shall not exceed 65 °C	
	b) Insulating Oi	Shall not exceed 65 °C	
13.	Tap Changer:	Off- Load and On- Load	
14.	Tapping	2.5 % to 7.5 % in step of 2.5 %	
15.	Bushing		
	a) Type and Materials	Outdoor type, Porcelain	
	b) Quantity	HT= 3, LT= 4	
	c) Mount Position	HT= On the tank cover	LT= On the tank cover
16.	Tank		
	a) Design	Bolted type complete with cover and gasket	
	b) Ground position	With bolted ring type connector	
	c) Lifting facility		
	d) Conservator		
	e) Breather		
	f) Painting		
17.	Insulating oil	New, Unused, mineral oil	