



An ISO 9001 - 2008 Company

# H T TRANSFORMER

## 100KVA TO 5000KVA

### HT TRANSFORMER

#### APPLICATION

Today, the Company focuses its efforts on following key ap

- Home Office
- Business Networks
- Access Provider Networks
- Data Centers and Facilities
- Medical Industries
- Banking, Insurance & Financial Services
- Satellite Uplinking and Earth Stations.



# Technical Specifications

## 100KVA to 5000KVA

### GENERAL TECHNICAL SPECIFICATIONS OF HT Transformer

1.	Technology	: <b>Three Phase Oil Cooled HT Transformer</b>
2.	Outdoor	Outdoor, Oil type, ONAN and core type
3.	Wide Input Range	11000V
4.	Accurate Output	415V
5.	Ratings	200KVA - 5000KVA
6.	Frequency	: 50Hz.
7.	Transient Response Crest Factor	For 100% step load change output should be within +/- 5% and should recovers within 5msecs. I.e. 1/4th cycle. 3: 1
8.	Type of Cooling	: Oil Cooling
9.	Temperature & Humidity In Oil By Thermometer In winding by resistance Method	: 0 to 50 °C, 95% R.H. (Maximum) 40 Degree C 45 Degree
10.	Type of Winding	: Copper
11.	Paint Shade	Epoxy/Enamel paint to shade 631/632 of IS:5
12.	Design Service Life	25 year
13.	Overload capacity	For 2 hours
14.	Cooling	ONAN
15.	Tapping Range	+5 to -10% of 2.5% step
16.	Lifting Lugs	Provided
17.	Vector Group	DYN11
18.	Name of manufacturer	ABP Power Solutions Pvt. Ltd.
19.	Country of Origin	India
20.	Certifications	CE Certificate, ISO 9000, MSME, Trade Mark Registry



\* Specification are subjected to change without prior notice.

**ABP** ABP POWER SOLUTIONS PVT. LTD.

An ISO 9001 - 2008 Company  
8th Floor HB Twin Tower, Netaji Subhash Place ( Above Max Hospital ), Delhi -110034  
E-mail : sales@abppowers.com, Website : www.abppowers.com  
Contact No.: 9810619346, 9811143059



# Technical Specifications

100KVA to 5000KVA

## GENERAL TECHNICAL SPECIFICATIONS OF HT Transformer

21	IS Code	As per IS: 1180
22	Transformer Oil	As IS: 335 of 1983

### LIST OF FITTINGS AND ACCESSORIES PROVIDED

1.1 Rating and diagram plate	Provided
1.2 Earthing terminals – 2 Nos.	Provided
1.3 Lifting lugs	Provided
1.4 Thermometer pocket	Provided
1.5 Air release hole with plug	Provided
1.6 Oil filling hole with plug on conservator	Provided
1.7 Plain oil level indicator on one side of the conservator with minimum Oil level marking	Provided
1.8 Dehydrating silica gel breather	Provided
1.9 Externally operated off circuit tap switch with lock & Key.	Provided
1.10 Drain cum bottom filter valve with plug	Provided
1.11 Top filter valve with plug	Provided
1.12 Base channel with rollers (Bi-directional/unidirectional)	Provided
1.13 Explosion vent with diaphragm	Provided
1.14 Cooling Radiators Fixed type	Provided
1.15 Oil Temperature Indicator (100mm)	Provided

### TERMINAL ARRANGEMENT

2.01 HV Terminals	: Cable Box / Bare Bushing	Provided
2.02 LV Terminals	: Cable Box / Bare Bushing	Provided
2.03 LV Additional Neutral	: 1 No. Solid porcelain type outdoor bushing without sockets on the transformer lid for earthing purposes.	Provided



\* Specification are subjected to change without prior notice.

**ABP** ABP POWER SOLUTIONS PVT. LTD.

An ISO 9001 - 2008 Company  
8th Floor HB Twin Tower, Netaji Subhash Place ( Above Max Hospital ), Delhi -110034  
E-mail : sales@abppowers.com, Website : www.abppowers.com  
Contact No.: 9810619346, 9811143059

