GRID
INFRASTRUCTURE SOLUTIONS

DRY TYPE TRANSFORMERS (10kV ~ 35kV)





Dry-Type Transformers:

Dry-type transformers are versatile medium-voltage power distribution transformers that are essential for applications where safety, environmental concerns, and reliability are paramount. They are commonly used in commercial, industrial, healthcare, and public infrastructure settings, and other special applications. Their ability to operate without liquid coolants makes them ideal for indoor and sensitive environments.

Features:

- **Safe & Eco-friendly:** Fireproof, non-polluting, and safe for direct operation at the load center.
- **Compact Design:** Easy to install and service, providing low-noise and long-lasting operation.
- **Enhanced Performance:** Advanced heat dissipation with forced air cooling enhancing operational capacity.
- **Superior Durability:** Engineered for both indoor and outdoor applications; minimal maintenance needed due to rugged construction.

Lead Time:

Approximately **8 weeks** after drawings approved.

IEC ANSI IEEE

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Rated Voltage (kV)	Rated Capacity (kVA)	No-Load Loss P0 (W)	Load Loss Pk (75º) (W)	Short Circuit Impedance (UK %)	Noise Level (dB)	Transformer Dimensions L x W x H	Enclosure Dimensions L x W x H
10	100	400	1371	4%	42	3ft 2in x 2ft 6in x 2ft 8in (960 x 750 x 804mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	125	470	1616	4%	43	3ft 2in x 2ft 6in x 2ft 8in (960 x 750 x 804mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	160	540	1860	4%	43	3ft 5in x 2ft 6in x 2ft 10in (1040 x 750 x 859mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	200	620	2209	4%	43	3ft 5in x 2ft 6in x 2ft 10in (1040 x 750 x 874mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	250	720	2410	4%	43	3ft 7in x 2ft 10in x 2ft 10in (1090 x 860 x 856mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	315	880	3030	4%	45	3ft 7in x 2ft 10in x 3ft (1100 x 860 x 856mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	400	980	3484	4%	45	3ft 8in x 2ft 10in x 3ft (1120 x 860 x 913mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	500	1160	4260	4%	46	4ft x 2ft 10in x 3ft 2in (1240 x 860 x 953mm)	5ft 7in x 4ft 7in x 5ft 3in (1700 x 1400 x 1600mm)
	630	1340	5134	4%	46	4ft 6in x 2ft 10in x 3ft 2in (1360 x 860 x 956mm)	6ft 3in x 4ft 11in x 5ft 11in (1900 x 1500 x 1800mm)
	630	1300	5200	6%	48	4ft 6in x 2ft 10in x 3ft 1in (1380 x 860 x 938mm)	6ft 3in x 4ft 11in x 5ft 11in (1900 x 1500 x 1800mm)
	800	1520	6020	6%	49	4ft 9in x 3ft 4in x 3ft 3in (1450 x 1020 x 993mm)	6ft 3in x 4ft 11in x 5ft 11in (1900 x 1500 x 1800mm)
	1000	1770	7090	6%	50	4ft 11in x 3ft 4in x 3ft 6in (1510 x 1020 x 1058mm)	6ft 3in x 4ft 11in x 5ft 11in (1900 x 1500 x 1800mm)
	1250	2090	8460	6%	51	5ft x 3ft 4in x 3ft 9in (1530 x 1020 x 1140mm)	6ft 3in x 4ft 11in x 5ft 11in (1900 x 1500 x 1800mm)
	1600	2450	10240	6%	51	5ft 1in x 3ft 9in x 4ft (1560 x 1150 x 1223mm)	6ft 7in x 5ft 3in x 6ft 7in (2000 x 1600 x 2000mm)
	2000	3050	12600	6%	52	5ft 1in x 3ft 9in x 4ft 2in (1580 x 1150 x 1273mm)	6ft 7in x 5ft 3in x 6ft 7in (2000 x 1600 x 2000mm)
	2500	3600	15000	6%	53	5ft 7in x 3ft 9in x 4ft 7in (1700 x 1150 x 1383mm)	7ft 3in x 5ft 3in x 7ft 3in (2200 x 1600 x 2200mm)
	1600	2450	11263	6%	51	5ft 3in x 3ft 9in x 3ft 11in (1590 x 1150 x 1198mm)	6ft 7in x 5ft 3in x 6ft 7in (2000 x 1600 x 2000mm)
	2000	3050	13882	6%	52	5ft 6in x 3ft 9in x 4ft 3in (1660 x 1150 x 1298mm)	6ft 7in x 5ft 3in x 6ft 7in (2000 x 1600 x 2000mm)
	2500	3600	16414	6%	53	5ft 8in x 3ft 9in x 4ft 11in (1720 x 1150 x 1493mm)	7ft 3in x 5ft 3in x 7ft 3in (2200 x 1600 x 2200mm)

Rated Voltage (kV)	Rated Capacity (kVA)	No-Load Loss P0 (W)	Load Loss Pk (75º) (W)	Short Circuit Impedance (UK %)	Noise Level (dB)	Transformer Dimensions L x W x H	Enclosure Dimensions L x W x H
20	200	730	2565	6%	47	4ft 8in x 2ft 10in x 3ft 11in (1425 x 860 x 1184mm)	5ft 5in x 4ft 7in x 5ft 6in (1650 x 1400 x 1660mm)
	250	840	2985	6%	47	4ft 9in x 2ft 10in x 4ft 4in (1450 x 860 x 1317mm)	6ft 7in x 4ft 7in x 5ft 6in (2000 x 1400 x 1660mm)
	315	970	3560	6%	48	4ft 10in x 3ft 4in x 4ft 5in (1460 x 1020 x 1339mm)	6ft 7in x 4ft 7in x 5ft 6in (2000 x 1400 x 1865mm)
	400	1150	4225	6%	48	4ft 11in x 3ft 4in x 4ft 5in (1490 x 1020 x 1344mm)	6ft 11in x 4ft 9in x 6ft 6in (2100 x 1450 x 1965mm)
	500	1350	5055	6%	50	5ft 2in x 3ft 6in x 4ft 10in (1580 x 1070 x 1471mm)	6ft 11in x 4ft 9in x 6ft 6in (2100 x 1450 x 1965mm)
	630	1530	5970	6%	50	5ft 2in x 3ft 6in x 5ft 4in (1580 x 1070 x 1616mm)	7ft 3in x 4ft 11in x 6ft 9in (2200 x 1500 x 2065mm)
	800	1750	7210	6%	51	5ft 2in x 3ft 6in x 5ft 6in (1580 x 1070 x 1681mm)	7ft 7in x 5ft 1in x 6ft 9in (2300 x 1550 x 2065mm)
	1000	2070	8540	6%	52	5ft 7in x 3ft 6in x 5ft 1in (1700 x 1070 x 1536mm)	7ft 7in x 5ft 5in x 7ft 1in (2300 x 1650 x 2165mm)
	1250	2380	10040	6%	52	5ft 10in x 4ft 2in x 5ft 4in (1760 x 1270 x 1621mm)	7ft 11in x 5ft 7in x 7ft 7in (2400 x 1700 x 2300mm)
	1600	2790	12050	6%	53	6ft 3in x 4ft 2in x 5ft 10in (1900 x 1270 x 1781mm)	8ft 2in x 5ft 11in x 7ft 11in (2500 x 1800 x 2400mm)
	2000	3240	14230	6%	53	6ft 9in x 4ft 2in x 6ft 10in (2060 x 1270 x 2081mm)	8ft 10in x 5ft 11in x 8ft 2in (2700 x 1800 x 2500mm)
	2500	3870	16850	6%	54	7ft 5in x 4ft 2in x 6ft 7in (2260 x 1270 x 2016mm)	9ft 2in x 6ft 3in x 8ft 10in (2800 x 1900 x 2700mm)

Rated Voltage (kV)	Rated Capacity (kVA)	No-Load Loss P0 (W)	Load Loss Pk (75º) (W)	Short Circuit Impedance (UK %)	Noise Level (dB)	Transformer Dimensions L x W x H	Enclosure Dimensions L x W x H
35	250	990	3250	6%	52	4ft 10in x 3ft 3in x 5ft 3in (1470 x 1000 x 1591mm)	7ft 7in x 5ft 7in 6ft 7in (2300 x 1700 x 2000mm)
	315	1180	3900	6%	52	5ft 2in x 3ft 7in x 6ft 2in (1580 x 1100 x 1870mm)	8ft 6in x 5ft 11in x 7ft 7in (2600 x 1800 x 2300mm)
	400	1380	4700	6%	52	5ft 11in x 3ft 7in x 5ft 7in (1790 x 1100 x 1700mm)	8ft 6in x 5ft 11in x 6ft 11in (2600 x 1800 x 2100mm)
	500	1620	5700	6%	52	5ft 4in x 3ft 7in x 6ft 4in (1620 x 1100 x 1930mm)	7ft 11in x 5ft 11in x 7ft 7in (2420 x 1800 x 2300mm)
	630	1860	6600	6%	52	5ft 8in x 3ft 7in x 6 6in (1720 x 1100 x 1930mm)	8ft 3in x 6ft 3in x 7ft 9in (2520 x 1900 x 2350mm)
	800	2160	7800	6%	53	6ft x 3ft 11in x 6ft 7in (1840 x 1200 x 2000mm)	8ft 8in x 6ft 3in x 7ft 9in (2650 x 1900 x 2350mm)
	1000	2430	9100	6%	53	6ft 10in x 3ft 11in x 6ft 6in (2070 x 1200 x 1980mm)	9ft 5in x 6ft 3in x 7ft 9in (2870 x 1900 x 2350mm)
	1250	2840	11000	6%	53	7ft 2in x 4ft 7in x 6ft 7in (2180 x 1400 x 2000mm)	9ft 9in x 6ft 7in x 8ft 1in (2980 x 2000 x 2450mm)
	1600	3240	13400	6%	55	6ft 7in x 4ft 3in x 7ft 5in (2000 x 1300 x 2270mm)	9ft 2in x 6ft 7in x 8ft 8in (2800 x 2000 x 2650mm)
	2000	3825	15928	6%	55	7ft x 4ft 3in x 7ft 8in (2130 x 1300 x 2340mm)	10ft 6in x 7ft 3in x 8ft 10in (3200 x 2200 x 2700mm)
	2500	4460	18641	6%	55	7ft 4in x 4ft 7in x 7ft 9in (2240 x 1400 x 2370mm)	9ft 10in x 6ft 7in x 8ft 10in (3000 x 2000 x 2700mm)

Working Conditions:

- Outdoor or indoor installation
- Max. ambient temperature: 104º F (40º C)
- Min. temperature: -22º F (-30º C)
- Altitude: ≤1000m
- Relative humidity: ≤93% (without condensation)
- Customized engineering available on request

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