EXPORT CUSTOMIZED TRANSFORMER



SINGLE PHASE OVERHEAD TRANSFORMER

1、Product overview

ANDELI supplies transformers on the power column. Including single-phase and three-phase column mounted transformers. It can reduce the length of low-voltage distribution lines, lower line losses, and improve power supply quality. The transformer adopts an efficient and energy-saving coil core structure design. The characteristics of this transformer are small size, low infrastructure investment, reduced low-voltage power supply radius, and low-voltage line loss of over 60%. Adopting a fully sealed structure with strong overload capacity, high reliability for continuous operation, and simple maintenance. Suitable for rural power grids, remote mountainous areas, and dispersed village energy transformation. Our transformer adopts technological design, using high-quality materials and components, with reliable quality and long operating time.

2、Transformer Model Description

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- High voltage level(kV)
- Rated capacityl(kVA)
- Characteristic code
- Single Phase

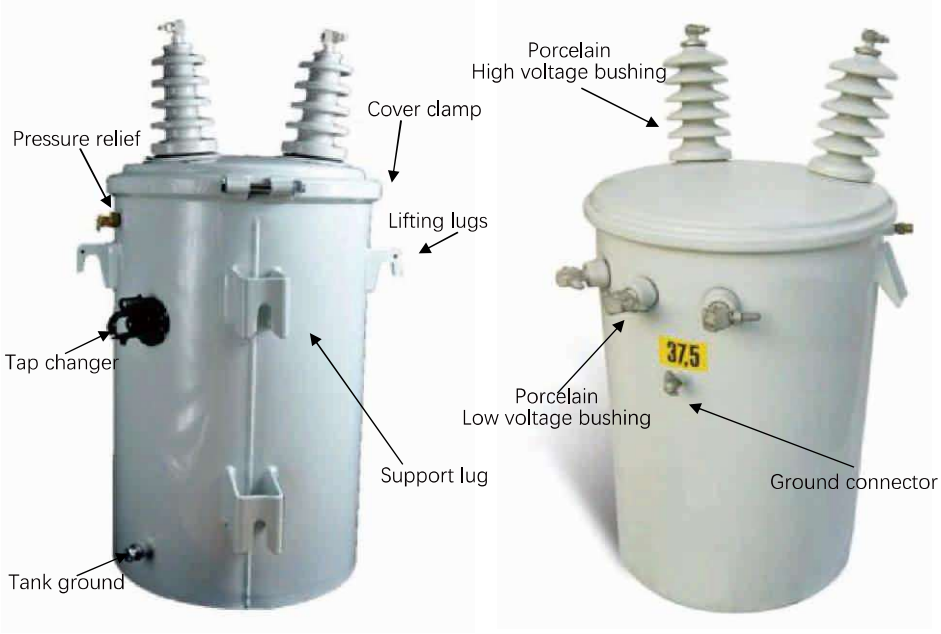
3. Features

1. All units are built in accordance with both ANSI C57 12.00 and ANSI C57 12.20, except as modified to comply with customer specifications.
2. Mild steel tank with welded lifting lugs and hanger brackets for direct to pole mounting.
3. Single piece clamped cover band meets cover retention requirements of ANSI standards.
4. Electrostatically applied polyester powder paint
5. System for superior corrosion protection.
6. HV porcelain cover mounted bushings
7. Tank wall mounted porcelain or polymer low voltage bushings.
8. Tin-plated bronze terminals for connection to copper or aluminum.
9. Insulated cover for wildlife protection.
10. Laser engraved aluminum nameplate.
11. NON-PCB insulating oil.

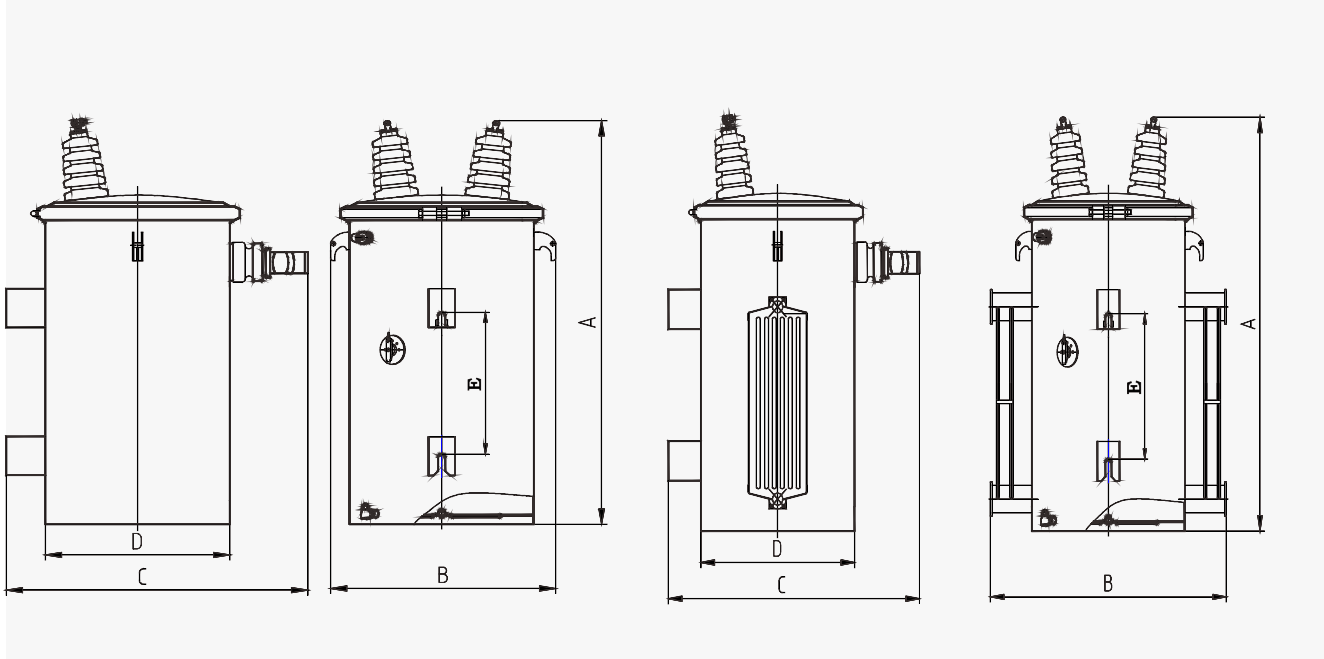
5. Technical data

Rated Capacity (kVA)	Primary rating(V)	Tapping Range(%)	Secondary Rating (V)	Loss(W)	
				No load	loss Load loss
3	34500/19920 33000/17321 30000/17320 20000/11547 13800/7967 13200/7620 11000/6350 or others	±2x2.5% ±1 x 5% Or others	120-240 110-220 240-480 250-500 Or others	12	45
5				25	75
10				50	120
15				65	195
25				105	290
37.5				140	360
50				180	500
75				250	650
100				275	850
167				455	1410
250				650	2000
333				845	2500

Note: *The above parameter is only subject to our standard design, special requirement can be customized



Overall and mounting dimensions(mm)



Rated Capacity (kVA)	Overall size(mm)					Weight(kgs)	
	A	B	C	D	E	Oil weight	Total weight
3	760	430	530	330	286	20	105
5	780	430	530	330		30	110
10	830	430	530	330		30	130
15	850	480	580	380		40	185
25	880	500	580	410		45	210
37.5	930	560	640	460		60	300
50	980	560	640	460		70	335
75	980	680	720	554	591	103	460
100	1020	780	800	610		123	530
167	1050	830	890	660		155	670
250	1100	960	950	660		247	950
333	1150	960	960	660		250	1000