TLP-M Series

Pad-mounted compartmental type transformers

Natural and synthetic ester liquid-immersed transformers (IEEE standard)



Pad-Mounted Transformers are integrated power distribution units that combine the transformer core and coil assembly, load-break switch, fuses, and other protective components within a compact, enclosed tank design.

Featuring a compact footprint and streamlined design, these high-reliability transformers offer fast, straightforward installation. They are widely deployed across medium-voltage power distribution systems, including data centers, commercial facilities, EV charging infrastructure, industrial plants, renewable energy systems, and public utilities.

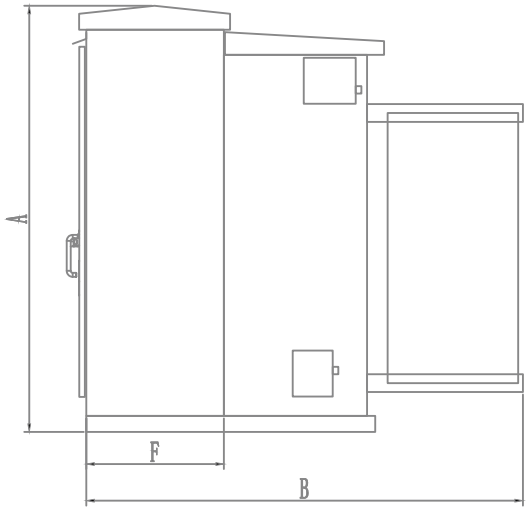
› PRODUCT SPECIFICATIONS

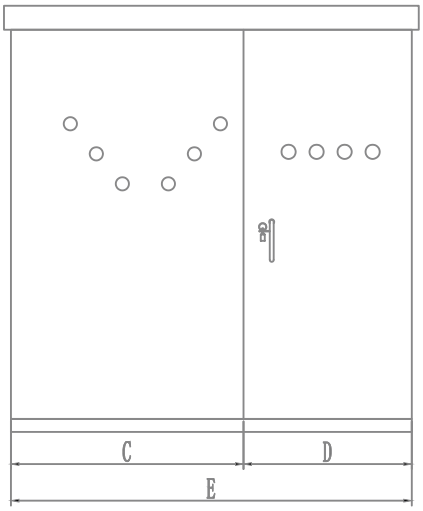
Rated Output (kVA)	6750/5000/3750/3150/3000/2750/2500/2000/1750/1500 (45kVA-7400kVA)
Vector Group	Dyn1/Dyn11/Dy1
Primary Voltage (kV)	34.5/33/24.9/15/14.4/13.8/13.2/12.47 (11kV-36kV)
Secondary Voltage (V)	690/600/480/416/240/208 (120V-1500V)
Frequency	60 Hz
Temp Rise	65°C
Fluid Type	FR3
Certifications	UL (IEEE C57.12.00 • IEEE C57.12.28); CSA. DOE 2016 Energy Efficient (75–2500 kVA)

• PhaseGreen handles every stage of production in-house: tank and enclosure fabrication, core and coil winding, and complete component manufacturing—including arrester switches, tap changers, live-front and dead-front bushings, and current-limiting fuses.

TLP-M Series Pad-Mounted Transformer

Outline & Approximate Dimensions





kVA	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	Weight (lbs)
1500	90	79	48	32	79	24	10,582
2000	91	89	47	32	79	24	12,828
2500	91	91	47	32	79	24	13,228
3000	94	94	47	32	79	24	15,432
3750	98	122	47	32	79	24	17,637
5000	100	134	47	32	79	24	23,148

Low loss

UL Listed

High Temperature Adaptability

Data Center and Commercial Applications

* For custom specifications and detailed engineering data, please contact sales@phasegreen.com