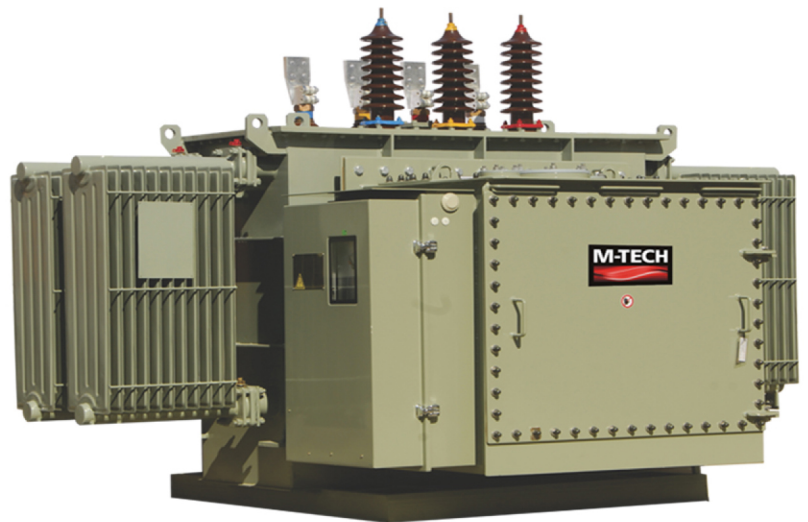


M-TECH

INTERNATIONAL



Distribution Transformers



Distribution Transformers

Introduction

Since 2000, M-TECH is the leading manufacturer of Electrical distribution transformers ranging in capacity for 10 kVA to 5000 kVA up to 20 KV system voltages including LV system as well. The manufacturing facilities are equipped with the latest state of the art technologies, serving a large base of versatile customers.

Design

M-TECH manufactures oil immersed transformers with cooling mode ONAN and ONAF as per International Standards IEC 60076 , BS 171, VDE 0532 , ANSI C 57:12 etc. also M – TECH follow the Public Utility companies specs. If it supersedes International Standards, M – TECH has the capability to meet these specifications in the design. This is the main Design Strength of M-TECH .

Testing Facilities & Certifications

M-TECH is fully equipped with calibrated state of the art testing facilities to perform all routine tests & Temperature Rise Test as TYPE TEST as per IEC 60076 at their own premises. The oil testing facilities of routine tests are also available as per IEC 60296

Details

KVA	Core Losses W	Winding Losses W	%Efficiency	%Regulation	% Z
10	52	256	97.01	2.61	4.0
15	68	348	97.30	2.37	4.0
25	98	512	97.62	2.11	4.0
50	140	936	97.89	1.93	4.0
100	248	1616	98.17	1.68	4.0
150	340	2300	98.27	1.60	4.0
200	396	2728	98.46	1.43	4.0
250	600	3500	98.39	1.47	4.0
300	675	4100	98.43	1.44	4.0
400	740	4480	98.71	1.19	4.0
630	1048	6480	98.82	1.10	4.0
1000	2000	13500	98.47	1.47	5.0
1250	2250	17000	98.48	1.53	6.0
1500	2850	19500	98.53	1.47	6.0
2000	3350	23500	98.68	1.35	6.0
2500	3850	28500	98.72	1.31	6.0
3000	4400	34000	98.74	1.31	6.0
3500	4800	38500	98.78	1.34	7.0
4000	5250	43500	98.80	1.33	7.0
4500	5600	48500	98.81	1.32	7.0
5000	6000	53500	98.82	1.31	7.0

