

**M-TECH**

INTERNATIONAL



# Pad Mounted Transformer

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## Introduction

M-TECH is the leading manufacturer of Pad Mounted transformers ranging in capacity for 25 kVA to 630 kVA up to 33KV 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 0536, 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.

## Technical Specifications

Followings are the technical specifications for all step up step down 33KV, 20KV, 15KV, 11KV, 6.6KV / 415V, 220V, Dy, Yd, single & Three phase transformers.



## Details

| KVA  | Core Losses W | Winding Losses W | % Efficiency | % Regulation | %Z  |
|------|---------------|------------------|--------------|--------------|-----|
| 25   | 98            | 512              | 97.62        | 2.11         | 4.0 |
| 50   | 140           | 936              | 98.89        | 1.93         | 4.0 |
| 100  | 248           | 1616             | 98.17        | 1.63         | 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 |

