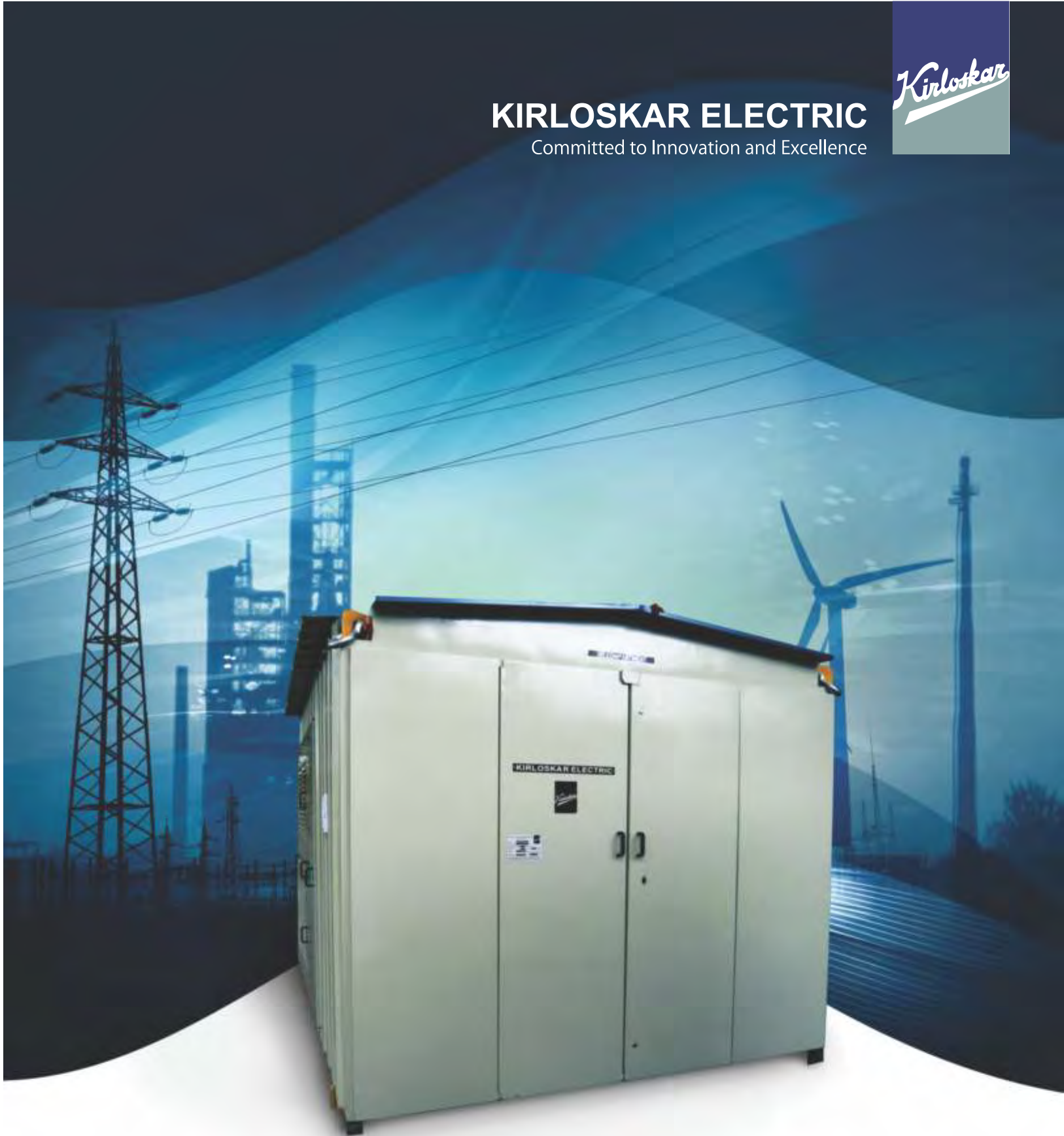




KIRLOSKAR ELECTRIC

Committed to Innovation and Excellence



UNITIZED SUBSTATION

Solution for power distribution with space saving



Product Line of Kirloskar Electric

AC & DC Motors | Generators | Transformers | Switchgear | Drives | DG Sets | Projects | Engineering

ISO 9001:2008



**BUREAU
VERITAS**

UNITIZED SUBSTATION - Solution for power distribution with space saving

Unitized Substation (USS), is designed to provide safe, reliable, compact and economical electrical power distribution for industrial plants, commercial buildings, outdoor lighting and any other general purpose power distribution applications.

SALIENT FEATURES

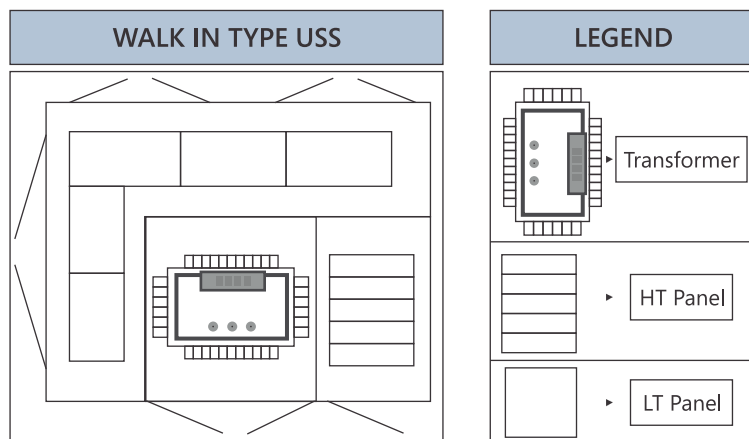
- Walk-in & Non Walk-in type options available.
- Highly engineered solution to meet customer requirements.
- Epoxy powder coating provides corrosion and weather proof enclosures in accordance with IEC 62271-202.
- Mechanical interlocks are provided for doors ensuring human safety.
- Doors are provided on either side of the CRT compartment for easy access and to change the tap link position.

ADVANTAGES

- The space occupied is 1/4th the space required for open installation.
- Robust in construction, reliable in operation and can be mobilized as one unit.
- Operator safety and protection against theft is ensured.
- Sufficient cooling of the integrated system is achieved by means of louvers.

TYPICAL OVERALL DIMENSION

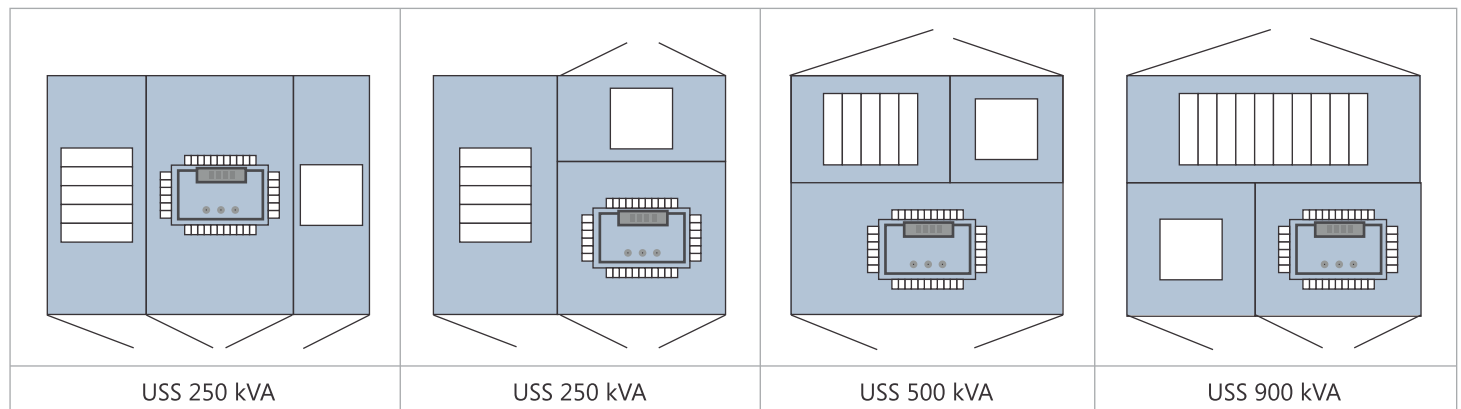
| kVA Rating | (LxWxH) mm | kVA Rating | (LxWxH) mm |
|------------|----------------|------------|----------------|
| 160 | 2200x2200x2450 | 500 | 2850x2450x2500 |
| 200 | 2200x2200x2450 | 630 | 2850x2450x2500 |
| 250 | 2300x2200x2450 | 750 | 2850x2450x2600 |
| 315 | 2500x2200x2450 | 1000 | 3000x2450x2600 |
| 400 | 2500x2400x2450 | | |



TECHNICAL SPECIFICATIONS

| | | |
|--|-----|-----------|
| Standard applicable | IEC | 62271-202 |
| Transformer rating | kVA | upto 1000 |
| Max HT Voltage | kV | 12 |
| LT Voltage | V | 433 |
| Short circuit breaking capacity of HT Switchgear | kA | upto 25 |
| Frequency | Hz | 50 |
| Ingress protection of HT and LT compartment | | IP54 |
| Ingress protection class transformer compartment | | IP23D |
| Enclosure class | | K10 |

NON WALK IN TYPE SUBSTATION



Kirloskar Electric reserves the rights to make changes in the product specifications/dimensions in the course of development

KIRLOSKAR ELECTRIC CO. LTD.

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