

MEC's Mobile Electric Centers for Voltages up to 36kV



- **Tailor made**
- **Economical**
- **Mobile / Transportable**
- **Walk-in / Non-walk-in electric centers**
- **Applications: Power generation, switching, transformer stations and easy supplementing existing power requirements**
- **Flexibility in selecting the required equipment and layout**
- **Engineered, assembled, tested and commissioned in our factories to be ready for use on site**
- **Powder coated finish**



Technical data ⁽¹⁾

| | | MiniMEC | MEC5 | MEC10 | MEC20 |
|--|------|---------|-------|-------|-------|
| Transformer rating | MVA | 1 | 5 | 10 | 20 |
| Primary voltage | kV | 13.8 | 33 | 33 | 33 |
| Secondary voltage | kV | 0.231 | 13.8 | 13.8 | 13.8 |
| Frequency | Hz | 50-60 | 50-60 | 50-60 | 50-60 |
| Included main equipment ⁽²⁾ : | | | | | |
| 33kV Switchgear | | --- | ✓ | ✓ | ✓ |
| 13.8kV Switchgear | | ✓ | ✓ | ✓ | ✓ |
| Protection relay & control panels | | --- | ✓ | ✓ | ✓ |
| Auxiliary transformers | | --- | ✓ | ✓ | ✓ |
| Battery & battery charger | | --- | ✓ | ✓ | ✓ |
| Low Voltage distribution panel | | ✓ | ✓ | ✓ | ✓ |
| Air Conditioning units | | --- | ✓ | ✓ | ✓ |
| Trailer | | ✓ | ✓ | ✓ | ✓ |
| Approximate overall dimension | L(m) | 5.5 | 16.5 | 17 | 17 |
| | W(m) | 2.5 | 3.5 | 3.5 | 3.5 |
| | H(m) | 1.9 | 5.15 | 5 | 5 |
| Approximate weight | KG | 5000 | 30000 | 35000 | 45000 |

(1) Technical data is given only for standard MEC versions. However, special designs can be provided upon request.

(2) Only main equipments are mentioned in the above table.



MEC5



MEC10



MiniMEC



Due to the continuous development of standards and materials, the specifications and dimensions in this catalogue may only be considered binding upon on confirmation by ABB Electrical Industries Co. Ltd.

ABB Electrical Industries Co. Ltd.

Medium Voltage Equipment
P.O. Box 8796 Riyadh 11492
Kingdom of Saudi Arabia
Tel.: +966 (1) 265 3030
Fax: +966 (1) 265 1211



(ordering code) (date)