

Compact - Substations

Power distributing units for utilities, Industry and Wind power

In addition to the proven delivery program of oil distribution transformers, earthing transformers, earthing coils etc. Sächsisch-Bayerische Starkstrom-Gerätebau GmbH offers **Lahmeyer-Compactstation®**

Our know-how is based on the supply of more than 50.000 substations, worldwide in use since 1963

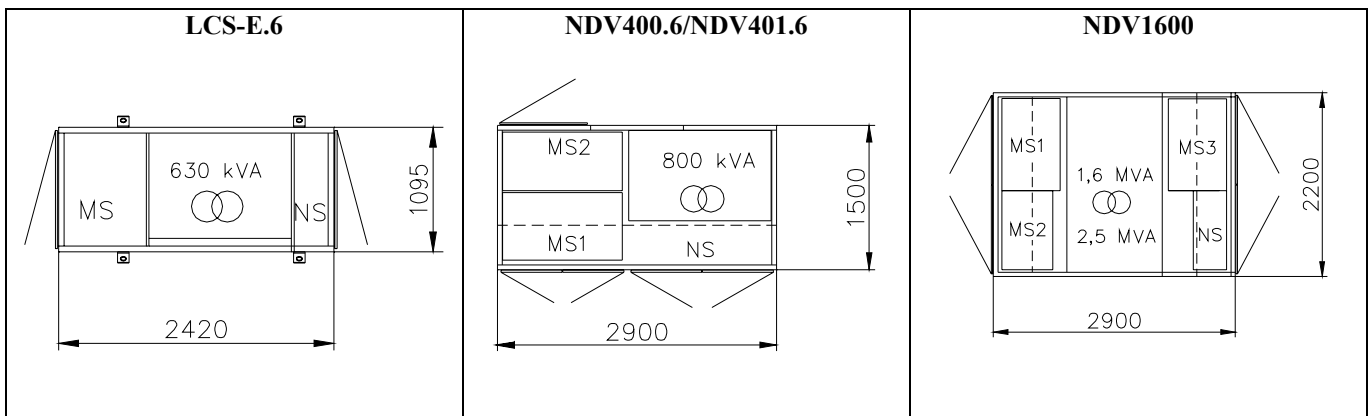


- **LCS-E.6:**
Compact substation with minimized dimensions for transformers up to 630 kVA, in addition as user station with low voltage metering available
- **NDV400.6 and NDV401.6:**
Compact substation with widest operating conditions (modular components system) for transformers up to 800 kVA:
 - Installation of medium voltage metering
 - Low voltage metering room
 - Room for power factor compensationUse as pure medium voltage connecting station (Transmission station) for wind parks
- **NDV800:**
Compact substation for transformers up to 1.250 kVA as centre station
 - 2 transformers =< 630 kVA possible
 - MV metering possible
 - Power factor compensation possible
- **NDV1600:**
Compact substation for transformers up to 1.600 kVA as centre and wind power station. Modular components system
- **NDV2500:**
Compact substation for transformers up to 2.500 kVA as centre and wind power station. Modular components system



Your advantage: Modular components system

- Oil collecting pan without direct contact to the ground
- HV arc protection not dependent on switchgear manufacturer
- Cable entry above ground
- Low transportation weight
- Non flammable environmentally friendly material
- Guaranteed corrosion protection by using galvanized steel sheets, powder coated
- Parts in contact with ground are 2 times powder coated or made out of non corrosive steel



MS1 = MV-Switchgear KKT or KKK

MS2 = Space for MV-measurement devices

MS3 = MV-circuit breaker 800A

Our additional program:

- Specially designed equipment:
 - MV switchable connecting station (above ground)
 - Stations for short time low resistance neutral grounding (KNOSPE)
 - Train air-conditioning stations (NBV19.29)
 - Pumping stations
 - Mobile skid based stations for the lignite open pit mining (LCS-E.6 und NDV800)
- Spare parts for Lahmeyer-Compact Substations
- Oil collecting pans for transformers

- **Leasing of substations**



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