

**MV/LV Compact
Transformer
Substation
(Metal enclosed)**

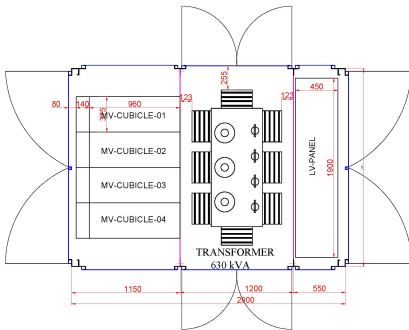


PCSS

Metal Enclosed Compact type MV/LV Transformer Substations



- Enclosure is made of 2 mm, pre-galvanized steel sheet. No welding is used.
- Operated type: Non walk-in (outside operated) type or, Walk-in (inside operated) type.
- The whole enclosure (doors, openings) are electrically joined to each other to form equipotential structure.

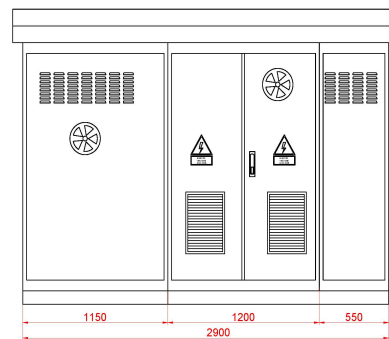
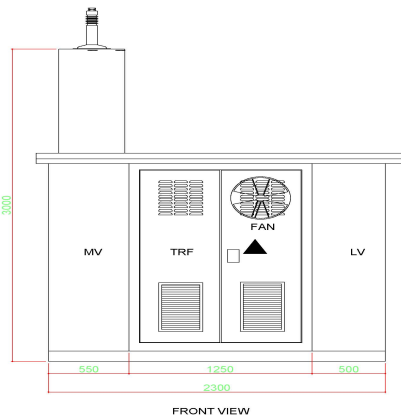


PCSS type OUTSIDE OPERATED substations contains:

- MV Switchgear Compartment,
 - Transformer Compartment,
 - LV Panel Compartment.
- Each compartment has own door.

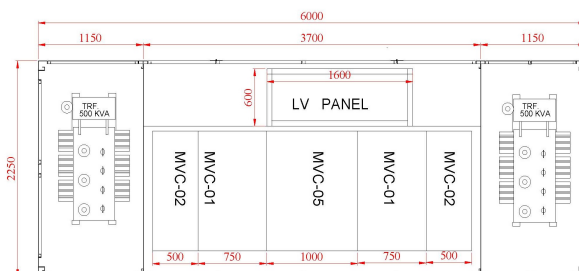
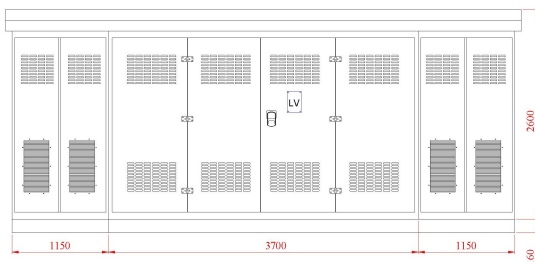
Examples (1) (Overhead Supplied Substation):

Examples (2): (Standard substation with single transformer)



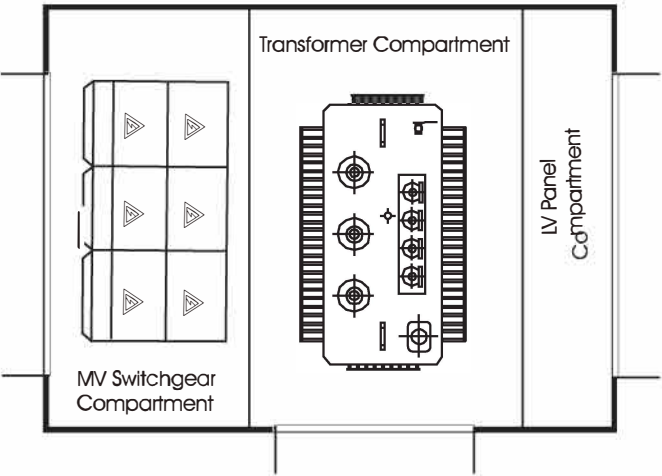
FRONT VIEW

Examples (3): (For substations with two transformers)

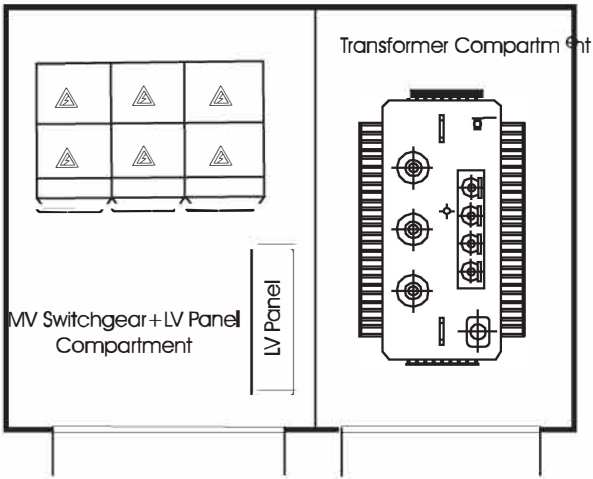


For dimensions, please contact POLYTECHNIC, with your projects.

Outside Operated:



Inside Operated:



Technical Data:

Rated voltage (kV)	12; 24; 36
Maximum rated power (kVA)	630; 1000; 1250
Enclosure class	10; 20
Enclosure protection class (EN 3033 EN 60529)	IP 23D; IP 43
Internal arc class	20 kA-1s
Applied standart	IEC EN 62271-202

Dimenisons:

For dimensions, please refer to POLYTECHNIC with your projects.