



In order to meet the specific underground mining requirements, Meglab designed a mobile substation for further improvement of the industrial sector's reliability and efficiency when it comes to power distribution. The YELLOWSUB® mobile substation offers a rugged, compact and mobile design, perfectly adapted for underground mining requirements. The YELLOWSUB® substations come fully assembled, wired, tested and ready to use. Our substations are well known for their innovative design.

Tailor-made to meet your needs in terms of voltage and amperage, its compact size allows saving on excavation and installation costs.

The YELLOWSUB® design allows an easy transport to the worksite. In anticipation of its underground installation, its mounts and structure supports suit a vertical as well as a horizontal transport. Besides all the essential electric equipment, various components and options can be added to meet the customer's needs (PLC, star-delta starter, MICRO-DATA®, telecommunication network, fire extinction system, monitoring display system).



FEATURES

- Designed to facilitate transport
- ESA / CSA certified
- Integrated equipment is selected to meet the customer's specific needs
- Security equipment included
- Engineering, plans and design included

BENEFITS

- Reduces cost by reducing the commissioning and excavation delays
- Robust and durable: designed for harsh environment and extreme climate
- Vertical and horizontal transport
- Compact and mobile
- Reusable: skid-mounted
- Excellent resale value
- Tailor-made « plug & play » solution



DEPENDING ON YOUR REQUIREMENTS, THE PORTABLE SUBSTATION CAN BE FITTED WITH:

- A plug and play » module, providing sufficient power for multiple units
- Up to 2MVA dry-type transformer
- Transformer and distribution panel to suffice the substation's activities
- Up to 25kV
- Neutral Grounding Resistor Monitor
- Enclosed switch fuses : fuse and ground fault protection
- Vacuum circuit breaker (optional)
- SEL-75A Feeder Protection relay for Arc-Flash reduction and load shedding
- PWR-Line distribution panel
- Secondary distribution panel or distribution centre
- LED indoor and outdoor lightning, heating and ventilation
- Programmable Logical Controller (PLC) and Human Machine Interface (optional)
- Gas sensor and annunciator panel (optional)
- Power Take-Off (PTO) panels to connect mobile equipment (optional)
- Standard Inverter drive (optional)
- 600VAC welder receptacle (optional)
- Man door panic bar (optional)





SPECIFICATIONS

Primary power requirements	5 kV / 15 kV / 25 kV
Transformer	1 MVA to 5 MVA
Structure	Mobile unit assembled in sea freight container or custom skid mounted unit. Mount and structure support for an easier transportation.
Certification	ESA / CSA
Controls	High standards, designed at customer's request

RELATED PRODUCTS

YELLOWCUBE® | PORTABLE ELECTRIC SUBSTATION | POWER DISTRIBUTION
ELECTRIC ENGINEERING | CUSTOM ENCLOSURES | INTERRUPTER |

TO ORDER | Contact us at commandes@meqlab.ca



1 877 833-7710 • 819 824-7710 • INFO@MEGLAB.CA
281, 19^e RUE VAL-D'OR, QUÉBEC J9P 0L7

MEGLAB.CA