



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.

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, Motor Starter, VFD, Softstart, 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 with custom option

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
- « 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 4MVA 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-751A Feeder Protection relay for Arc-Flash reduction and load shed-din
- Distribution panel
- Secondary distribution panel or distribution center
- 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)
- Man door panic bar (optional)
- Fire protection (optional)





Primary power requirements	5 kV / 15 kV / 25 kV
Transformer	1 MVA to 5 MVA
Structure	Mobile unit assembled in sea freight container or skid mounted unit. Mount and structure support for an easier transportation. Customization upon request.
Certification	According to SPE-1000 specifications
Controls	High standards

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