

## POWER SUPPLY UNIT 2x30 kW

The 2x30kW Power Supply Unit is an independent AC power supply with single-phase and three-phase outputs. It is made in a transportable version and designed to be integrated, for example, in a box body or container. The machine unit is driven by a Deutz Diesel engine. Generators can operate either independently or in parallel. After connecting to the mains, the unit can be operated as a distribution point without running the generating set. It contains an internal, panel-type switchboard with connecting points oriented into the outer wall of the build-up.

The power supply unit complies with the requirements of relevant STANAG standards.



### BASIC TECHNICAL DATA

|                               |                         |
|-------------------------------|-------------------------|
| Voltage                       | 3x400/230 V AC / 2x54 A |
| Power                         | 2x30 kW                 |
| Weight of machine unit        | 2x800 kg                |
| Weight of switchboard         | 260 kg                  |
| Fuel                          | Diesel                  |
| Consumption                   | 2x9,8 l/h               |
| Engine                        | Deutz                   |
| Cooling                       | Water-cooled            |
| Starting                      | Electric                |
| Generator                     | Synchronous             |
| Degree of protection          | IP23                    |
| Noise level (L <sub>A</sub> ) | 75 dB/ 7m               |
| Interference suppressing      | MIL-STD-461E            |

### TYPE SPECIFICATION

Power Supply Unit 2x30 kW

### OPERATING CONDITIONS

|                     |                        |
|---------------------|------------------------|
| Ambient temperature | -30 to +44 °C          |
| Altitude            | 1000 m above sea level |
| Relative humidity   | 60 %                   |
| Maximum tilt        | 10°                    |

## ACCESSORIES

Each power supply unit includes a wide range of accessories (*ground rod, remote control, V-belt, extension hose of exhaust, fire extinguisher, tool bag, tool kit, sledge hammer, set of fuses, etc.*). At the customer's request, accessories can be extended (*e.g. can, inspection lamp, cable distribution set*) or modified.



## PRACTICAL APPLICATION OF THE POWER SUPPLY UNIT

Power supply units are used, in particular, as a mobile power supply for ground troops in field conditions. They are suitable also for emergency systems (*fire brigade, rescue units*).



## DIMENSIONAL DRAWING - LAYOUT

