

POWER SUPPLY UNIT 30 kW

The 30kW 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.

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



BASIC TECHNICAL DATA

Voltage	3x400/230 VAC / 54 A
Auxiliary supply	28 VDC / 35 A
Power	30 kW
Weight of machine unit	800 kg
Weight of switchboard	80 kg
Fuel	Diesel
Consumption	9.8 l/h
Engine	Deutz
Cooling	Water-cooled
Starting	Electric
Generator	Synchronous
Degree of protection	IP23
Noise level (L _A)	75 dB/ 7m
Interference suppressing	MIL-STD-461E

TYPE SPECIFICATION

Power Supply Unit 30 kW

OPERATING CONDITIONS

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

ACCESSORIES

The power supply unit includes a wide range of accessories (*ground rod, V-belt, remote control, oil drain hose, fire extinguisher, set of screwdrivers, tool kit, sledge hammer, filters, etc.*). At the customer's request, accessories can be extended (*e.g. can, inspection lamp, tool bag, 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 brigades, rescue units*).



DIMENSIONAL DRAWING OF BUILD-UP

