

POWER SUPPLY UNIT 60 kW

The 60kW 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. A modification, providing the possibility of parallel operation as many as three power supply units (total power output 180kW) is available.

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



BASIC TECHNICAL DATA

Voltage	3x400/230 VAC / 108 A
Auxiliary supply	28 VDC / 35 A
Power	60 kW
Weight of machine unit	1100 kg
Weight of switchboard	76 kg
Fuel	Diesel
Consumption	19.5 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 60 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 (remote control, exhaust pot, V-belt, ground rod, fire extinguisher, tool bag, tool kit, sledge hammer, set of fuses, etc.). At the customer's request, accessories can be extended (e.g. a 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 (mobile hospitals, army camps, specialized workplaces, mobile kitchens, etc.).

INSIDE ACCESSORIES



(aggregate)



(control panel)



(power point)

DIMENSIONAL DRAWING - LAYOUT

