

## CHARGING UNIT 3 kW

The 3kW Charging Unit is an independent DC power supply with output voltage 28.5 V DC. It is intended for charging accumulator batteries with rated voltage 24 V. In combination with an accumulator battery, the charging unit can also be used for supplying DC appliances. It is made in a mobile version, with a protective frame, driven by a Lombardini Diesel engine, the speed of which is controlled according to the load. It is modified for operation from own and external tank.

The charging unit complies with the requirements of relevant STANAG standards.



### BASIC TECHNICAL DATA

Voltage	28,5 V DC / 105 A
Power	3 kW
Dimensions	740x485x545 mm
Weight	125 kg
Fuel	Diesel
Consumption	1,1 l/h
Fuel tank	5 l
Engine	Lombardini
Cooling	Air-cooled
Starting	Electric, Manual
Generator	Synchronous with perm. magnets
Degree of protection	IP23
Noise level (L <sub>A</sub> )	85 dB/ 7m
Interference suppressing	MIL-STD-461E

### TYPE SPECIFICATION

Č-NSD 3-S 28,5-2V

### OPERATING CONDITIONS

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

## ACCESSORIES

Each charging unit includes a wide range of accessories (*tool bag, hose for external tank, remote control, tool kit, set of fuses, etc.*). At the customer's request, accessories can be extended (*e.g. fire extinguisher, can, Allen wrenches, connecting cables, cable distribution set*) or modified.



## PRACTICAL APPLICATION OF THE CHARGING UNIT

Charging units are used, in particular, for supplying the on-board systems of tanks (*PC, radar, GPS, sighting system*). They are suitable for charging accumulator batteries of military vehicles or for maintaining backup batteries. The charging units are suitable also for emergency systems (*fire brigade, rescue units*).



## DIMENSIONAL DRAWING

