



TACTICAL GROUND POWER UNIT

Genset 1400 W DC

Small footprint.
Serious field utility.

The Genset 1400 W DC delivers regulated 28.5 V DC at up to 50 A in a frame-protected package built for field use. A single-cylinder Hatz diesel runs on heavy fuel, and a permanent-magnet generator with inverter regulation keeps the DC output clean and stable. The glove-friendly control panel reports status, output and running hours at a glance, and the unit starts by cord or electrically with the 24 V power pack.

PRODUCT AREA

GENSETS

COMPACT POWER, READY FOR FIELD USE

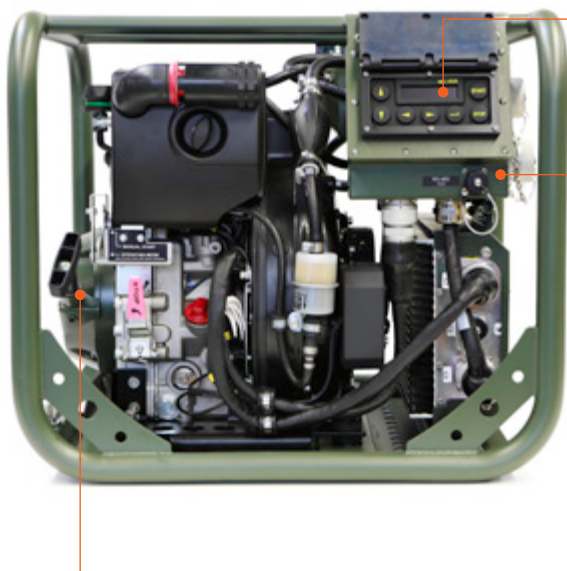
Portable 28 V DC power where larger systems are impractical.

The Genset 1 400 W DC is a compact diesel generator set for field equipment requiring regulated DC power. It combines a protective tubular frame, heavy-fuel compatibility, manual start and electric start support in a package that is moved easily by two operators.

Key Features

- Regulated 28.5 V DC output with up to 50 A available.
- 65 kg frame-protected unit for practical movement in the field.
- Internal tank with quick-connect interface for jerry can or vehicle tank.
- Starter cord operation with electric start support from the 24 V power pack.

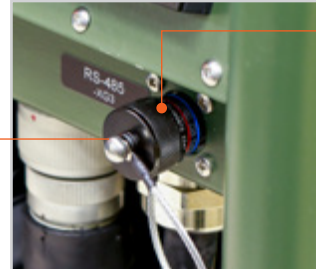




Control Panel



START/STOP buttons



RS-485 interface

Starter cord

Interfaces and Operation

Power distribution

28 V DC output supports field equipment through protected outlet connections. The system provides up to 50 A and 1 425 W from a compact frame-protected unit.

External fuel connection

Quick-connect fuel interface allows operation from a jerry can or vehicle tank when longer run time is needed. Internal tank operation remains available.

Fuel compatibility

Diesel and selected aviation fuels are supported according to the manual, giving the unit flexibility across field supply conditions and deployed environments.

Operator interface

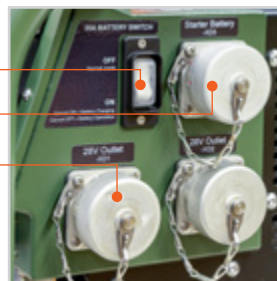
Control panel provides start/stop control, status display, output values, running hours and warning feedback for setup, use and basic monitoring.

External fuel quick-connect

20 A battery switch

Starter battery port, XD3

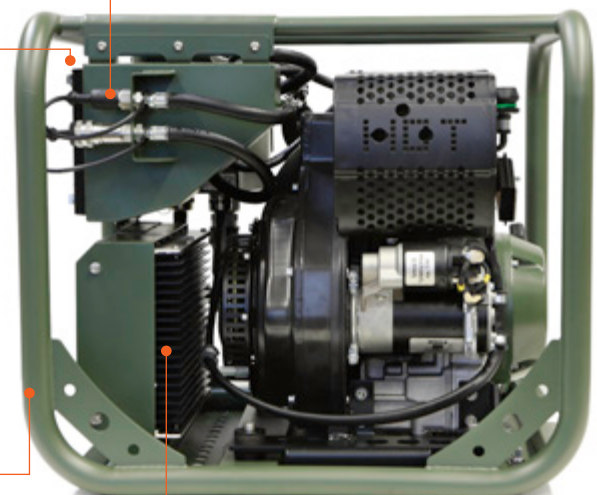
28 V outlets



Power pack 24 V

Protective tubular frame

Heat sink



Specifications

ELECTRICAL CHARACTERISTICS	
NOMINAL VOLTAGE:	28.5 V DC
MAXIMUM CURRENT:	50 A
MAXIMUM POWER:	1 425 W
OUTPUT CONNECTIONS:	2× 28 V DC outlets
BATTERY/STARTER CONNECTION:	24 V power pack
DATA INTERFACE:	RS-485 for logging and software updates
GENERATOR	
TYPE:	Permanent magnet generator
REGULATION:	Inverter regulated DC output
INVERTER OUTPUT:	28.5 V DC / 50 A max
ENGINE	
TYPE:	Hatz 1B20, air-cooled, one-cylinder, four-stroke diesel
DISPLACEMENT:	243 cm ³
START METHOD:	Starter cord or electrical start with 24 V power pack
OIL CAPACITY:	0.9 l
PHYSICAL PROPERTIES	
DIMENSIONS (L × W × H):	580 × 480 × 500 mm
WEIGHT:	65 kg
ENCLOSURE:	Protective tubular frame for two-person handling
ENVIRONMENTAL	
OPERATING TEMPERATURE RANGE:	-32 °C to 49 °C
STORAGE TEMPERATURE RANGE:	-46 °C to 55 °C
NOISE LEVEL:	74 ±2 dB(A) at 7 m
FUEL SYSTEM	
FUEL COMPATIBILITY:	EN 590, EN 15940, F-44
AVIATION FUEL COMPATIBILITY:	F-24, F-34 and F-35 with 1:100 two-stroke oil
INTERNAL TANK CAPACITY:	2.6 l
EXTERNAL FUEL CONNECTION:	Quick-connect port for jerry can or vehicle tank
ACCESSORIES	
ELECTRICAL START:	24 V power pack