



RIPEENERGY

The Power Conversion Company

GAS TURBINE GENERATOR 8kW

Revolutionary in mobile power supply!

28VDC, 8000W continuous.

Automatic ECU START/STOP system.

Fuel: Diesel, Petroleum, Kerosene (Jet A1).

Consumption: 10 litres (2,5 gal) per hour.

The new Generation: Ultracompact world's highest specific output!

Equipped with air intake silencer and high current batteries (add on exhaust muffler optional)

Total unit weight: 20kg, with optional muffler 25 kg

Small - Lightweight - Powerful!

APPLICATIONS

- Emergency power for disaster operation
- GPU (ground power unit) for aviation
- Mobile power at construction
- Mobile power supply for fire departments

FEATURES

- 28 VDC output voltage
- 8 kW output power
- Immediate power (no warm up)
- Easy to start and to shut down
- High power density and light weight
- Easy to carry in rough terrain



Light weight,
compact size

SPECIFICATIONS

Gas Turbine specifications	
Enclosure	Chrom-Nickel
Gear	Integrated, maintenance free metal
Nominal RPM	100.000 U/min
Nominal Power (Gas Turbine)	14 hp / 10,6 kW @ ISA standard atmosphere
Gearbox output	20.000 U/min (gear ratio 5:1)
Turbinewheel	CNC manufactured from Inconel Superalloy
Lubrication	Light version - mixed lubrication
Fuel	Direct start with Jet fuel A1 and Diesel
Consumption	170 ml/min only!!
Operation	Fully automatic with integrated starter
Electrical specifications	
Output Voltage nom.	28 VDC +/-20% (other voltage on request)
Output Power	8000 W
General specifications	
TBO (Time between overhauls)	100h (depending on environmental conditions)
Dimension L x W x H	77 x 40 x 45cm (without muffler)
Weight including muffler	25 kg
Noise level	69.4 dB at 10 meter (with optional muffler)

