

MIL-STD POWER GENERATOR SYSTEMS 65 kVA



Technical Characteristics

External Dimensions: 5555 x 2050 x 2168 mm

Weight: 1800 Kg

The MIL-STD Power Generator Systems 65 kVA are equipped by the following MIL-STD subsystems:

- ✓ n. 1 Steel Canopy
- ✓ n. 1 John Deere 40445TF158 Engines 65 kVA
- ✓ n. 1 MJB200MB4 Marelli Alternators
- ✓ n. 1 Electrical Control Panel
- ✓ n.1 Automatic control panel complete with circuit breaker
- ✓ n. 1 Silencers
- ✓ n. 1 Batteries
- ✓ n.1 Fuel tank 100 Lt included in the enclosure
- ✓ n. 1 Forklift Channel Assyn. 1 Batteries

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Power Generator System 65kVA (PSG-P/N-10961)

TK 10961 model 65kVA generating set, described below, is an electrical energy mobile source. The Power Generator System, hereinafter referred to simply as "PGS", is characterized by a structure that combines functional autonomy and total mobility to ensure timely intervention, rapid deployment, hardiness structural safety of the personnel used the analyzer and ease of use. The TK10961 model PGS has been specially designed and manufactured to provide the emergency power supply for the GCS shelter's electrical system P/N 34-0009 (Teknel P/N TK10956). suitably interconnected from each other compose the power supply, command and control system for the YAMAL 300K Geo Satellite.

Environmental conditions

Temperature	-45°C / +45°C
Humidity	100% RH at 25° C
Altitude (prime power)	3.500 meters
Altitude (standby power)	2.7000 meters



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Endothermal Engine



- Brand Perkins
- Type 4045 TF 158
- Country of origin France
- No. cylinders 4
- Cubic Capacity 4.5 lt
- Cooling Water
- Air Intake Turbocharged
- Fuel cons. at 100% 14.1 lt/h
- Fuel cons. at 75% 10.8 lt/h
- Fuel cons. at 50% 7.5 lt/h
- Fuel cons. at 25% 4.6 lt/h

- Cont. power 60 kVA
- Standby power 66 kVA
- Speed (RPM) 1500 RPM
- Weight 470 Kg
- Oil q.ty 141 lt
- Antifreeze total q.ty 25 lt
- Exhaust temperature 492°C
- Combustion air flow 3.8 m³/min
- Exhaust gas flow 9.5 m³/min