

**“Uninterrupted Assurance
for Critical Moments.”**

**G3M – 3 KVA MILITARY
GENERATOR**



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The G3M is a high-reliability **3 kVA military-grade generator**, engineered to meet NATO standards and operate in extreme environmental conditions. It provides continuous and stable power to armed forces and law-enforcement units during field operations, ensuring uninterrupted mission capability.

General Specifications

Specification	Value
Output Voltage	220 VAC
Continuous Power	2.5 kVA
Rated Output	3 kVA
Maximum Current	16 A
Operating Temperature	-32°C to +55°C
Storage Temperature	-40°C to +60°C
Cooling System	Water-cooled
Acoustic Noise Level	75 dB @ 7 m
Max Operating Altitude	3000 m
Protection Rating	IP23
System Weight	156 kg ±5
Communication	RS422 – TCP
Fuel Consumption	3 L/s
Dimensions (L×W×H)	882 × 525 × 603 mm ±5

Parameter	Value
Engine Model	Kubota Z482
Type	Water-cooled vertical diesel
Intake System	Natural aspiration
Output Power	9.3 kW
Max Speed	3000 rpm
Start System	Electrical starter

Key System Advantages

Automatic activation during main power failure.
Equipped with military-grade AGM battery.
40 Ah battery enabling minimum three cold starts at -32°C with pre-heater.
Compatible with diesel fuels F54, F34, F65.
Control module with IP67 protection level.
Capable of operating at full load for minimum 8 hours on internal fuel tank.
Provides 220 VAC 50 Hz single-phase output.
MIL-DTL-38999 / VG95234 compliant connectors.
3-year warranty included.

Environmental Qualification (MIL-STD-810G)

Test Category	Compliance
Low Pressure (Operational)	Min. 3000 m
Solar Radiation	Method 505.5, Category A2
High Temperature (Storage)	60°C
Low Temperature (Operational)	-20°C
Low Temperature (Storage)	-40°C
Humidity	Method 507.5
Rain	Method 506.5
Vibration	Method 514.6, Cat. 4
Shock	20 g, 11 ms

EMI/RFI Compliance

Complies with **MIL-STD-461E/F**, including:
CE102, RE102, CS101, CS114, CS115, CS116, RS103



A2304 Generator Control Unit

Feature	Specification
Dimensions	140 × 213 × 160 mm ±5
Weight	3.1 kg ±0.1
Communication Protocols	CANBUS J1939, RS485, RS422
Protection Standards	IP67, MIL-STD-810G, MIL-STD-461E/F
Diagnostic Memory	Up to 500 detailed logs
Operating Voltage	9–36 V DC