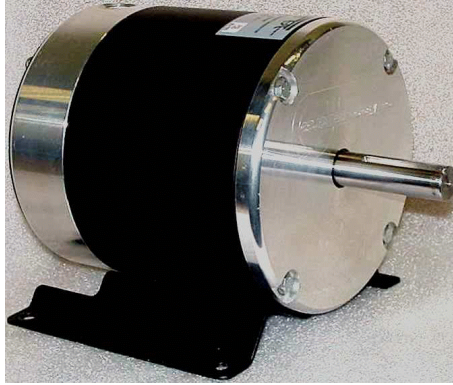


# COJO Technology

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www.cojo.ca



## Ceramag G-25 PM Generator

Class 1 Division 2 Hazardous Location

### Power...

Ceramag is the worlds finest hazardous area power generator. Ceramag generators are used to provide DC power for controls and back up battery charging in remote or off grid industrial stationary engines, such as natural gas compressors and pumps.

Unlike a common engine alternator the G-25 PM generator produces a 3 phase AC output that is converted to DC voltage by an external regulator that is mounted near a back up battery pack. PM generators are typically used in applications where the battery back up and DC distribution system is located off skid or more than 9 Meters (30 feet) from where the generator is mounted. Use of common alternators in these applications typically results in loss of power in the connecting cables.

### Universal...

Ceramag generators are designed to fit any new or existing gas compression package. Installation kits are available for both engine side and cooler plenum installations. The generator will provide full rated output over a wide speed range. The power supply / charger included with the Ceramag generator gives accurate DC voltage and current control from 12-30 volts DC, up to 25 amps over the entire generator speed range. Making it the perfect choice for all control systems.

### Simple...

The Ceramag is belt driven from any rotating shaft such as crank or cooler fan shaft. Cables are run from the generator through a suitable disconnect to the included power supply charger. Installation assemblies are pre-configured at our factory to fit your specific equipment. Control packages are available completely pre-wired and certified to your specifications, ready for immediate mounting and hook-up.

### Proven...

Hundreds of compressors around the globe rely on the power provided by Ceramag generators. Ceramag generators originally installed over two decades ago are still in continuous service today.

### Features:

- Class 1 Division 2 Group C, D
- 2 year warranty on generator, 1 year controller
- Integrated junction box for easy connection
- Maintenance free design incorporating heavy duty bearing assemblies
- Adjustable voltage and current set points
- OEM installation or field retrofit
- Operates across a wide and variable speed range
- All weather operation corrosion resistant housing and winding

## Specifications

Generator	G-25
AC Volts	40-70 Vac 3 Phase
AC Current	15 Amps
Phase	3
Frequency (Hz)	125-185 Hz
Drive Speed (rpm)	1500-2200
Classification	Class 1 Division 2 Group C, D
Certification	QPS
Controller	PM-750
Input	30-70 Vac 15Amps, 1 or 3 phase
Output Volts DC	12 - 30 (user adjustable via front panel control)
Output current	25A max
Maximum controller power	750W

