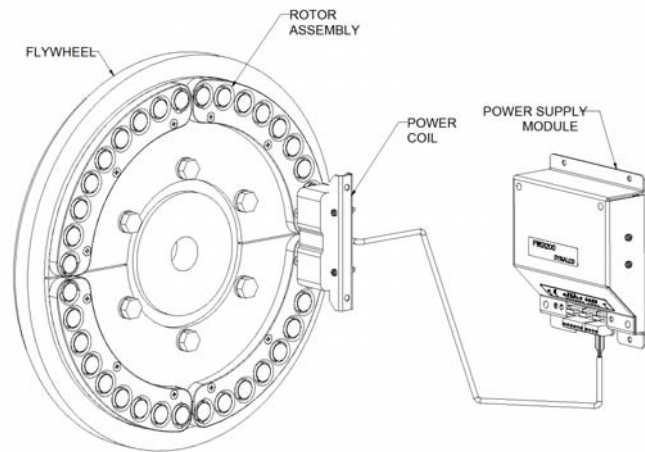


DYNA-GEN™

Flywheel Generator System



- **Reliable 12 VDC Power Source – No bearings or belts to wear out**
- **Provides 8 Amps Total Output (100 Watts Total Power)**
- **Engine Driven Power for Remote Locations**
- **Replaces Alternators**
- **CSA Class I, Div 2 Groups A, B, C & D approved**

*The **DYNA-GEN™** is ideal for skid mounted engine driven compressors and pumps operating in remote locations and hazardous areas.*

The **DYNA-GEN™** flywheel generator is capable of producing up to 8 Amps total @ regulated 12 VDC, providing power to start & run your engine and accessories while keeping the battery charged.

The **DYNA-GEN™** system consists of (3) components, the Rotor Assembly, Power Coil and Power Supply Module. The Rotor Assembly is designed to be mounted to the flywheel or crank shaft pulley of most gas or diesel engines. The power coil is mounted to oppose the rotor which produces power regulated by the power supply module.

FEATURES

- No external power required
- No maintenance required - No parts to wear out
- Powers ignition, shutdown panel, AFR controls, scanner and other accessories
- Generates 8 Amps total at regulated 12 VDC from (2) outputs
 - Main Power output generates 6 Amps
 - Ignition Power output generates 2 Amps
- Integrated circuitry for battery charging
- Universal mounting plate for engine flywheel

SPECIFICATIONS

Operating Speed:

Engine Run Speed Range: 1200 – 2400 RPM
Maximum Rated Speed: 2400 RPM

Electrical:

Output Voltage: 12 VDC (regulated @ 13.65 VDC)

Output Current: 8 Amps Total from (2) Outputs as follows:

Ignition Output: 1.0 Amps available at 300 RPM
1.4 Amps available at 500 RPM
2.0 Amps available at 1000 – 2400 RPM

Main Output: 3.5 Amps available at 1000 RPM
5.0 Amps available at 1500 RPM
6.0 Amps available at 1800 RPM

Mechanical:

Rotor outside diameter: 14.25 inches
Rotor inside diameter: 6.00 inches (for drive shaft clearance)

Environmental:

Operating Temperature Range: -40 to +70 C
Power Supply Module designed to be mounted inside existing panel
CSA Class I, Division 2, Groups A, B, C & D approved

CRANE

DYNALCO

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