**PT-8KSiC** 

## POWERED BY AN INDUSTRIAL DIESEL ENGINE CAPABLE OF PRODUCING 8 KILOWATTS OF CONTINUOUS PRIME POWER

#### FEATURES:

- Single phase
- Available in 60 Hz or 50 Hz (6.6 Kw @ 50 Hz)
- Industrial diesel engine CARB and EPA CERTIFIED TIER 4
- 1800 RPM operation for long life (1500 RPM @ 50 Hz)
- O Brushless generator with automatic voltage regulator
- Main line set mounted commercial grade circuit breaker
- **O** Powder coated lightweight aluminum enclosure with sound attenuation
- **O** High Ambient aluminum radiator cooled with centrifugal fan and guards
- Ory type air cleaner, spin on fuel and oil filters
- 12VDC starting motor and a 30A 12VDC battery charging alternator
- Safety shutdowns for high water temp and low oil pressure
- Oritical Exhaust Silencer
- O Power Tech's advanced PTG series electronic controller
- Convenient single side service
- 12VDC fuel pump with bulkheads for easy connection
- 4 point mounting system with vibration isolators

COVERED BY POWER TECH'S EXCLUSIVE

> 2 YEAR / 3000 HOUR LIMITED WARRANTY

POWER TECHNOLOGY SOUTHEAST WWW.POWERTECHGENERATORS.COM 634 STATE ROAD 44 LEESBURG, FL 34748-8102

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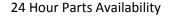
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COMMERCIAL

PHONE: 800-760-0027 FAX: 352-787-5545

## **QUIET, DEPENDABLE POWER**

Power Tech products are the pinnacle of perfection in power generation. We are one of the worlds leading manufacturers and suppliers of mobile generators. We offer an expansive generator selection ranging from 3kW to 350kw for standby, marine generators, military projects, and gas/diesel electric vehicles. Power Tech also offers a variety of options including UL listed custom fuel tanks, UL listed transfer switches, remote monitoring & control systems, and much more. Our products are distributed worldwide from our manufacturing base in Leesburg, FL.





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| ENGINE SPECIFICATIONS               |  |
|-------------------------------------|--|
| ТҮРЕ                                | Vertical, Liquid-Cooled, 3 Cylinder Diesel |
| NUMBER OF CYLINDERS                 | 3  |
| BORE & STROKE mm (in)               | 78 x 78.4 (3.07 x 3.09)                    |
| <b>TOTAL DISPLACEMENT</b> $L(in^3)$ | 1.123 (68.53)                              |
| COMBUSTION TYPE                     | Indirect Injection Type                    |
| ASPIRATION                          | Naturally Aspirated                        |
| LUBRICANT (API CLASSIFICATION)      | CJ-4 Grade                                 |
| STARTING MOTOR                      | 12V, 1.2 kW                                |
| CHARGING ALTERNATOR                 | 12V, 30A                                   |
| GENERATOR SPECIFICATIONS            |  |
| OUTPUT VOLTAGE                      | 120/240VAC                                 |
| POWER OUTPUT                        | 8,000W                                     |
| AMPERAGE                            | 66.6 @ 120VAC (33.3 @ 240VAC)              |
| FUEL CONSUMPTION                    | 0.8 GPH @ Full Load<br>0.4 GPH @ Half Load |
| WEIGHT                              | 515 lbs                                    |

#### \*Specifications are subject to change without notice. Listed generator ratings are at 70°F @ 500 ft. Higher temperatures and/or altitude may affect generator performance.

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# **STATE OF THE ART CONTROL**

Power Tech's advanced new PTG350 controller provides the ultimate in control and protection.

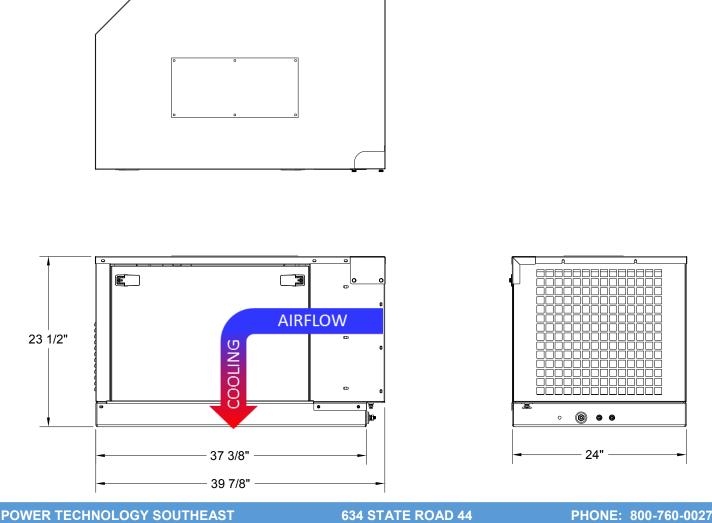
The controller provides manual and remote starting capability, as well as, available auto start on low battery.

Automatic shutdowns and warnings help prevent damage in the event a problem is encountered. In the unlikely

event a shutdown occurs, the PTG350's J1939 compatibility, ability to display J1939 Diagnostic Trouble Codes, and 150 Event Log will make troubleshooting easy.

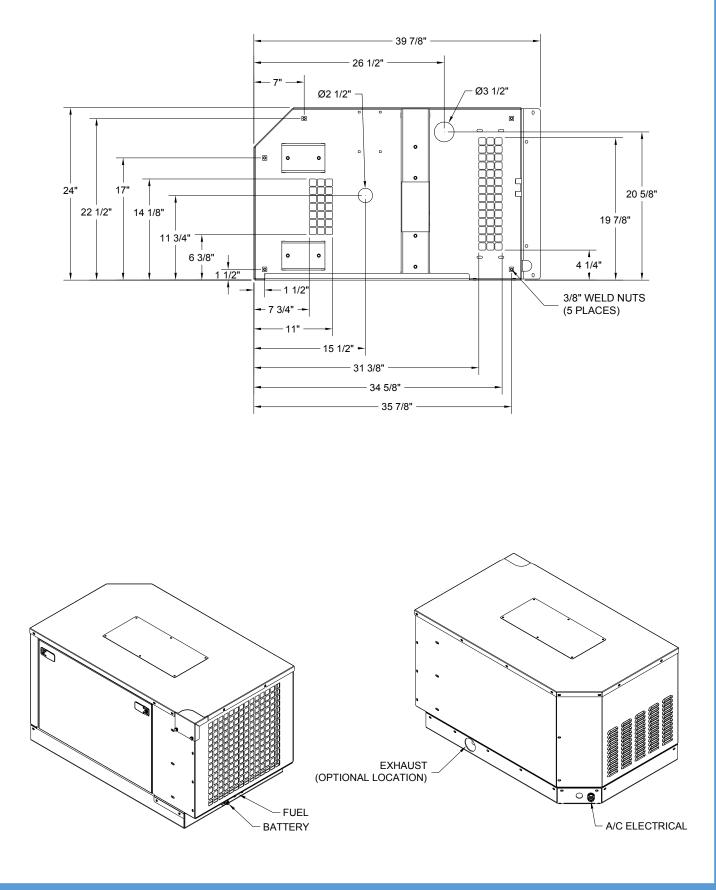
The PTG350, additionally, provides metering and instrumentation for the engine and generator. Capable of displaying Oil Pressure, Engine Temperature, Engine Hours, RPM, Battery Voltage, and A/C Voltage; the PTG350 gives you the information you want with the press of a button.

Furthermore, the PTG350 is UL Recognized and NFPA 110 compatible.



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