

# POWER TECH

## GENERATORS

### PTK-20Si

POWERED BY AN INDUSTRIAL DIESEL ENGINE  
CAPABLE OF PRODUCING 20 KILOWATTS OF  
CONTINUOUS PRIME POWER

**FEATURES:**

- ◇ Single Phase model
- ◇ Available in 60 Hz or 50 Hz (15 Kw @ 50 Hz)
- ◇ Industrial diesel engine CARB and EPA CERTIFIED TIER 4i
- ◇ 1800 RPM operation for long life (1500 RPM @ 50 Hz)
- ◇ Brushless generator with automatic voltage regulator
- ◇ Main line set mounted commercial grade circuit breaker
- ◇ Powder coated lightweight aluminum enclosure with sound attenuation
- ◇ High Ambient aluminum radiator cooled with pusher fan and fan guards
- ◇ Dry type air cleaner, spin on fuel and oil filters
- ◇ 12VDC starting motor and a 40A 12VDC battery charging alternator
- ◇ Safety shutdowns for high water temp and low oil pressure
- ◇ Critical Exhaust Silencer
- ◇ 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**

## 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.

24 Hour Parts Availability



WWW.POWERTECHPARTS.COM

ENGINE SPECIFICATIONS	
TYPE	Vertical, Liquid-Cooled, 4 Cylinder Diesel
NUMBER OF CYLINDERS	4
BORE & STROKE	<i>mm (in)</i> 87 x 92.4 (3.43 x 3.64)
TOTAL DISPLACEMENT	<i>L (in<sup>3</sup>)</i> 2.197 (134.1)
COMBUSTION TYPE	Indirect Injection Type
ASPIRATION	Naturally Aspirated
INJECTION PUMP	Bosch
LUBRICANT (API CLASSIFICATION)	Above CF Grade
STARTING MOTOR	12V, 1.4 kW
CHARGING ALTERNATOR	12V, 40A
GENERATOR SPECIFICATIONS	
OUTPUT VOLTAGE	120/240VAC
POWER OUTPUT	20,000W
AMPERAGE	166 @ 120VAC (83 @ 240VAC)
FUEL CONSUMPTION	2.0 GPH @ Full Load 1.0 GPH @ Half Load
WEIGHT	1095 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.*



## STATE OF THE ART CONTROL

Power Tech's advanced new PTG410 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 PTG410's J1939 compatibility, ability to display J1939 Diagnostic Trouble Codes, and 150 Event Log will make troubleshooting easy.

The PTG410, additionally, provides metering and instrumentation for the engine and generator. Capable of displaying Oil Pressure, Engine Temperature, Engine Hours, RPM, Battery Voltage, A/C Voltage and A/C Amperage; the PTG410 gives you the information you want with the press of a button.

Furthermore, the PTG410 is UL Recognized and NFPA 110 compatible.



