

POWERTECH ENGINES INC.

Central & Northern California Operations: 2933 E Hamilton Ave., Fresno, California 93721

· Phone 559-264-1776 · Toll Free 800-750-1776 · Fax 559-264-2933

Southern California Operations: 1410-B S Acacia Ave., Fullerton, California 92831

· Phone 714-635-1776 · Toll Free 800-784-1776 · Fax 714-635-1771

HQ & Accounting: PO Box 3489, Los Altos, California 94024-0489

· Toll Free 800-944-1776 <http://www.powertechengines.com> · Fax 650-964-3298

MODEL 19 Diesel Prime Power Generator

19 kW STANDBY - 17.4 kW PRIME @ 77 F & SEA LEVEL

LOMBARDINI model LDW 2204 CHD 2199 cc four cylinder diesel engine, rated ~33 gross intermittent HP and ~30 gross continuous HP at 1800 rpm (for 60 Hz operation). This open power unit style generation system includes the engine and radiator, muffler, air cleaner, blower fan, an engine control panel that includes both low oil pressure and high coolant temperature safety shut downs and warning lights, fuel solenoid, key start, a battery tray & cables, and rubber vibration mounts, all assembled together with the generator (see below) on a welded steel frame.

MARATHON or NEWAGE or MECC ALTE 12 lead or 4 lead generator end. Four lead generator ends are more efficient for 120/240 VAC applications. 12 lead generator ends are very flexible, and can be connected for a variety of applications, including 480 VAC three phase, 240/120 VAC three phase or 120/240 VAC single phase. An AVR voltage regulator is included and will be adjusted by our shop for the winding/voltage configuration specified. These units meet NEMA generator standards and are suitable for prime or standby power. A copy of the generator factory data sheet will be supplied upon request. Many are also posted on our web site.

Approx. dimensions/weight are: Length = ~57 inches; Width = ~27 inches. Height: The maximum height is ~42 inches at the top of the air cleaner. The height to the top of the radiator cap is 34.5 inches; the height to the top of the generator outlet box is 24 inches. Weight = ~976 pounds.

Approximate fuel consumption: at 1/2 load = ~0.76 gal/hour; at full load = ~1.51 gal/hour.

All units are fully assembled and test run under load prior to shipment using our calibrated factory load banks(s) at our Fullerton, CA manufacturing facility.

Options include the following; others maybe available upon special request:

- **Water and oil level safeties.**
- **2 or 3 pole main line circuit breaker.**
- **Oversize alternators for motor starting.**
- **Transfer switches.**
- **Block heaters.**
- **Deluxe control panels with gauges, autostart, and/or with AC metering gauges.**

03/07/03 [Revised]. All specifications are subject to change without notice.