



PortaPack™ MODEL: **P-200NE**



Picture for example purposes only. Actual unit may vary.

| PortaPack™ RATING | | |
|-------------------|------------------|-----|
| Duty | 60 Hz @ 1800 rpm | |
| | kW | kVA |
| Standby | 250 | 313 |
| Prime | 225 | 281 |

20 Integrated Receptacles
225 kW Prime

STANDARD PortaPack™ FEATURES

ENGINE, 4 Cycle, Heavy Duty, suitable for operation on #2 diesel

Delivers Reliable Power, Low Exhaust Emission, and Fast Response to Load Changes

- EPA Certified Industrial Engine
- Fuel Water Separator System
- Industrial Grade Silencer and Insulation Blanket
- Lube Oil Pump with Filter
- Solenoid Engaged Starter Motor
- Battery Charging Alternator

- Dry Type Air Cleaner
- Electronic Isochronous Governor
- Jacket Water Pump and Lube Oil Pump
- Filters - Lube Oil & Fuel, Spin-on
- Engine PROTOTYPE Tested
- Two (2) Year Limited Engine Warranty

GENERATOR,

Meets NEMA MG1-22, BS5000, CSA22.2, IEC3401, and VDE0530 Standards

Designed and built to comply with relevant UL, NFPA, CSA & IEC Standards

- Brushless, Single Bearing, Class H Insulation - Directly Coupled to Engine
- Automatic Voltage Regulator
- PMG to ensure 300% short circuit current default condition
- One (1) Hour Load Testing (@ 1.0 PF) Prior to Shipment
- Two (2) Year Limited Generator Warranty

Trailer, DOT Approved, with Electric Brakes

- 200 Gallon, Single Walled Fuel Tank
- Interior AC and DC Lighting
- Tongue Mounted Output Receptacle Panel with **ESL** Interlock Power Receptacles

- Controls, Auto Start, Unit Mounted Digital Panel
- Emergency Stop Buttons
- SUB-BASE, Heavy Duty Steel with Lifting Provisions

OPTIONS / ACCESSORIES

- Weather Enclosure
- Sound Attenuated Enclosure
- Remote Trees
- Double Walled Fuel Tank

- Battery Charger
- Block Heater
- Fire Suppression System

** Contact your Power Pool Plus sales representative for additional options and accessories to meet your specific requirements

ENGINE SPECIFICATIONS

| | |
|--------------------------------|-------------------------------------|
| Engine Manufacturer | Cummins Engine |
| Engine Model | NON-EPA Certified |
| Design | 4 Cycle, Turbocharged & Aftercooled |
| Bore | 114 mm (4.49 in) |
| Stroke | 145 mm (5.7 in) |
| Displacement | 8.9 Litres (543 in ³) |
| Cylinder Block | Cast Iron, In-Line, 6 Cylinder |
| Battery Charging Alt. | 70 amps |
| Starting Voltage | 24 volt, negative ground |
| Fuel System | Direct Injection, #2 Diesel Fuel |
| Fuel Filter | Spin-on, with Water Separator |
| Standard Cooling System | High Ambient Radiator |

| Engine Performance at 1800 RPM | | | Fuel Usage | |
|--------------------------------|-----|-----|------------|------|
| % | kWm | BPH | gph | lph |
| Standby Power | | | | |
| 100 | 355 | 476 | 17.8 | 67.4 |
| Prime Power | | | | |
| 100 | 307 | 412 | 15.7 | 59.4 |
| 75 | 230 | 309 | 11.8 | 44.7 |
| 50 | 154 | 206 | 8.1 | 30.7 |
| 25 | 77 | 103 | 4.4 | 16.7 |

GENERATOR DATA

| | | | |
|---|--------------------------|--|-------------------------|
| Make / Model | | | |
| Design | Four (4) Pole, Brushless | L-L Harmonics - Total | 5.00% |
| Insulation | NEMA MG1, Class H | L-L Harmonics - Single | 3.00% |
| Bearing | Single, Sealed | Deviation Factor | 5.00% |
| Coupling | Flexible Disc | TIF (Telephone Influence Factor) | Less than 50 |
| Temperature Rise (Standby / Prime) | 150° C / 125° C | Amortisseur Windings | Full |
| Winding Pitch | 2/3 | Sustained 3 Ph short circuit current (w/ PMG) | 300%/60Hz and 250%/50Hz |
| Voltage Regulation (with PMG) | Less than 1% | Over Speed | 2250 RPM |
| Voltage Regulation (without PMG) | Less than 1/2% | Phase Rotation | A,B,C (U,V,W) |

ANALOG CONTROL PANEL

Analog Auto Start Control Panel

Standard features meet or exceed requirements as defined by NFPA110 Level 1 and CSA C282

Panel Includes: AC Voltmeter, AC Frequency Meter, Percent of Load Meter, Control Toggle Switch with Off/Auto/Manual positions, and ECU-9988 engine control with specific safety shutdown lights

Gauge Display: Oil Pressure; Water Temperature, Hourmeter, Fuel Level, and DC Voltage

ECU-9988 Features:

- ▶ Engine Started LED
- ▶ Overspeed Shutdown LED
- ▶ Overcrank Shutdown LED
- ▶ High Water Temperature Shutdown LED
- ▶ Low Oil Pressure Shutdown LED
- ▶ The ECU automatically cranks, starts, and monitors the engine for Overspeed, Overcrank, High Water Temperature, and Low Oil Pressure. Engine is automatically shut down should vault occur.
- ▶ ECU module is epoxy encapsulated for excellent field reliability and is factory preset requiring no field adjustments

Control Panel mounted on unit using vibration isolators in a NEMA-1 enclosure with hinged door



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"Purpose Built" Power Generation Solutions

(Data Subject to Change Without Notice)