



# PortaPack™ MODEL: **P-150NE**



Picture for example purposes only. Actual unit may vary.

PortaPack™ RATING		
Duty	60 Hz @ 1800 rpm	
	kW	kVA
Standby	200	250
Prime	180	225

**15 Integrated Receptacles**  
**180 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

125 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

<b>Engine Manufacturer</b>	Cummins Engine
<b>Engine Model</b>	Non-EPA Certified Engine
<b>Design</b>	4 Cycle, Turbocharged & Aftercooled
<b>Bore</b>	114 mm (4.49 in)
<b>Stroke</b>	145 mm (5.69 in)
<b>Displacement</b>	8.9 Litres (537 in <sup>3</sup> )
<b>Cylinder Block</b>	Cast Iron, In-Line, 6 Cylinder
<b>Battery Charging Alt.</b>	65 amps
<b>Starting Voltage</b>	24 volt, negative ground
<b>Fuel System</b>	Direct Injection, #2 Diesel Fuel
<b>Fuel Filter</b>	Spin-on, with Water Separator
<b>Standard Cooling System</b>	High Ambient Radiator

Engine Performance at 1800 RPM			Fuel Usage	
%	kWm	BPH	gph	lph
<b>Standby Power</b>				
100	272	364	17.0	64.4
<b>Prime Power</b>				
100	239	320	15.8	59.8
75	179	240	12.5	47.3
50	120	160	8.6	32.6
25	60	80	4.3	16.3

## GENERATOR DATA

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



**Power Pool Plus**

7 Edge Road  
Alpha NJ 08865  
908-454-1124

[www.powerpoolplus.com](http://www.powerpoolplus.com)

*"Purpose Built" Power Generation Solutions*

( Data Subject to Change Without Notice )