



**M-K POWER PRODUCTS CORP.**  
 3500 Laird Road, Unit 2  
 Mississauga, Ontario  
 L5L 5Y4

800 263-5011  
 www.M-K.com

# ZPP NA 857 Stand-by

8 Cylinder 90° Vee | Naturally-Aspirated |  
 5.7L - Natural Gas, Propane, Dual Fuel |



## Specifications

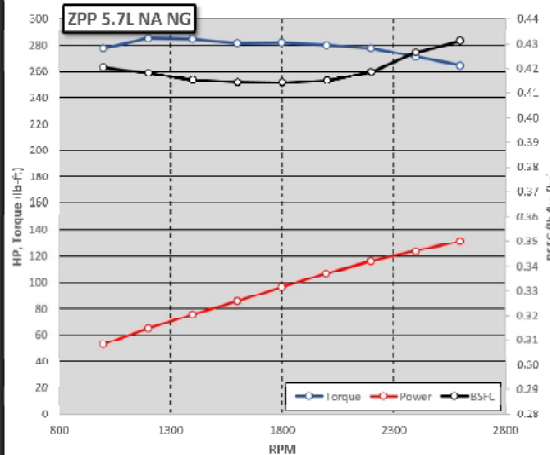
# of Cylinders	8 Vee
Operation	4-stroke
Ignition	Spark-Ignited
# of Valves	2/cylinder
Firing Order	1-8-4-3-6-5-7-2
Bore x Stroke	101.6 X 88.4 mm 4.000" x 3.480"
Displacement	5.7 L / 349.7 ci
Compression Ratio	9.4 : 1
Dry Weight	201 kg / 450 lbs
Piston Speed @ 2400 rpm	1392 fpm
Piston Speed @ 1800 rpm	1044 fpm
Oil Capacity	4.73 L / 5 qts
Electrical System	12 Volt

## Standard Features

☆	US EPA Certified
☆	CAN bus controlled—J1939
☆	Full Built-in Engine Protection
☆	Built-in Autostart function
☆	Built-in Start Inhibit
☆	Real-Time Fuel Source Switching

## Optional Features

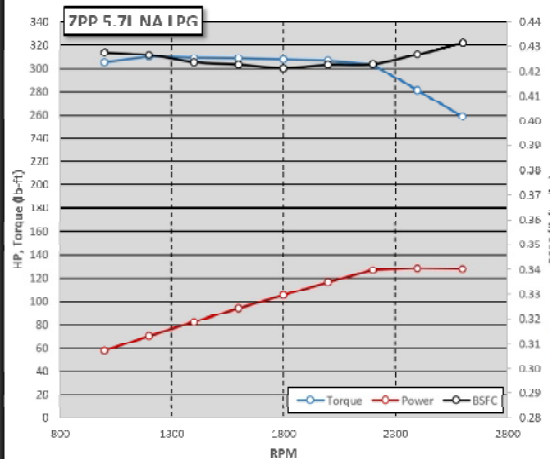
☆	Customer Specific Packaging
☆	Turn-Key Enclosures



### NG Net Power

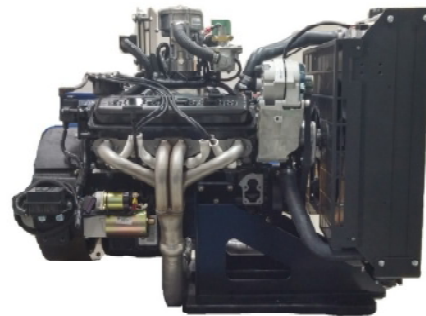
	Engine Rating (kW)	Genset Rating (kWe)
<b>Rating</b>	1800 rpm	1800 rpm
<b>Standby</b>	72.1	66

*\*All data is corrected per SAE J1349  
 \*Performance is NET including losses from auxiliaries (alternator, fan, water pump)  
 \*NG is pipeline grade gas  
 \*LPG is commercial grade  
 \*Electrical kW is calculated using 92% generator efficiency*



### LPG Net Power

	Engine Rating (kW)	Genset Rating (kWe)
<b>Rating</b>	1800 rpm	1800 rpm
<b>Standby</b>	78.7	72



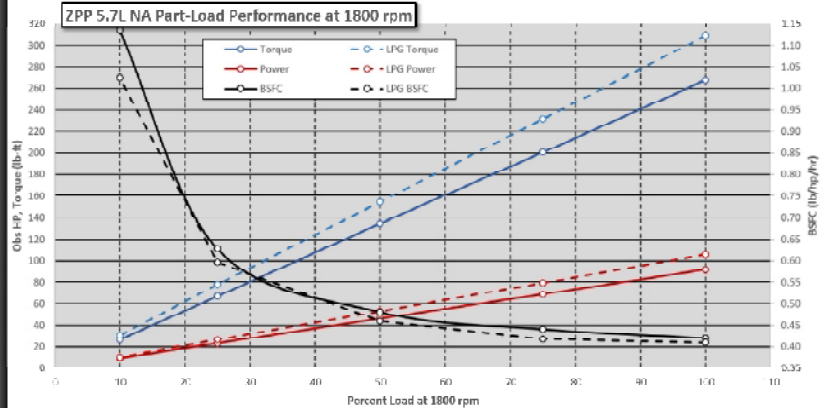


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### Fuel System Features

- ☆ Natural Gas, LPG, or Dual Fuel
- ☆ Air-valve Mixer based fueling
- ☆ Electronic, closed-loop control
- ☆ EPA certified to pipeline quality fuels
- ☆ Electronic Throttle body
- ☆ No catalyst required to meet emissions standards



\*All data is corrected per SAE J1349

Pipeline NG

RPM	Torque ft-lbs (Nm)	Power BHP (kW)	BMEP (psi)	Fuel Flow (lb/hr)	Air Flow (lb/hr)	BSFC (lb/hp/hr)	Exhaust Outlet (F)
2400	271 (368)	124 (92)	111	50.1	763.3	0.426	1,312
2200	278 (377)	116 (87)	114	46.2	703.9	0.419	1,279
2000	280 (380)	107 (80)	115	42.0	639.0	0.415	1,245
1800	282 (383)	97 (72)	115	38.0	578.3	0.414	1,204
1600	282 (383)	86 (64)	115	33.7	513.5	0.414	1,161
1400	285 (386)	76 (57)	116	29.9	454.5	0.415	1,107
1200	285 (386)	65 (49)	117	25.8	393.1	0.418	1,053

Commercial LPG

RPM	Torque ft-lbs (Nm)	Power BHP (kW)	BMEP (psi)	Fuel Flow (lb/hr)	Air Flow (lb/hr)	BSFC (lb/hp/hr)	Exhaust Outlet (F)
2400	281 (382)	129 (96)	115	51.9	758.0	0.427	1,356
2200	303 (411)	127 (95)	124	50.8	740.0	0.423	1,322
2000	307 (416)	117 (87)	125	46.7	680.0	0.423	1,287
1800	308 (417)	106 (79)	125	42.0	612.0	0.421	1,253
1600	309 (419)	94 (70)	126	37.6	547.0	0.423	1,210
1400	309 (419)	82 (61)	126	33.0	480.0	0.424	1,153
1200	310 (421)	71 (53)	126	28.6	416.0	0.427	1,069

**POWERED by**

