

ULTRA-COMPACT GENERATORS R.V. - MOBILE - INDUSTRIAL Nextgen 3500 Watts 5500 Watt



**ULTRA-COMPACT GENERATORS BY:
NEXT GENERATION POWER ENGINEERING, INC.
R.V. - MOBILE - INDUSTRIAL**

UCI 1-3.5



PATENT #5 765 805

UCI 2-5.5



PATENT #6 017 010

OTHER PATENTS PENDING

ULTRA COMPACT - DURABLE - EFFICIENT

Next Generation Power Engineering has developed and patented a line of ultra-compact diesel gen-sets that are smaller and lighter than ever thought possible. Starting with a simple cost effective base unit with several configurations and options available, gen-sets can be tailored to fit anything from an R.V. to a specialty emergency vehicle.

Some standard features include:

- Kubota heavy duty diesel engine
- Mid speed operation for long life and quiet performance
- Extra resilient isolation mounts
- One side service
- Ultra-compact size often fits into the space allowed for a gas set.

The Superior Choice**SPECIFICATIONS - *Subject to change****UCI 1-3.5****UCI 2-5.5**

TYPE	Horizontal water cooled 4 cycle diesel engine	Vertical water cooled 4 cycle diesel engine
# Of Cylinders	1	2
Bore x Stroke (In)	2.95 x 2.76	2.64 x 2.68

Displacement (Cu. In.)	18.86	29.23
SAE Net Intermittent H.P.	7/2800	11.0 @ 2800 RPM
Combustion System	Spherical	Three Vortex
Compression Ratio	23:1	23:1
Lubricating System	Forced by trochoid pump	Forced lubrication w/filter
Fuel	ASTM #2 diesel	ASTM #2 diesel
Coolant Water Capacity	1.5 U.S. quarts	3.0 US quarts
Lubricating Oil Capacity	1.0 US quarts	2.2 US quarts
Measurement (LxWxH)	28" x 15.5" x 17"	23" x 20" x 21"
Dry Weight (lbs.)	160 lbs.	240 lbs.
Starting System	12V Battery	12V Battery
Charging System	None	10 Amp standard / 35 Amp Optional
Fuel Line Diameter	5/16"	5/16"
Return Line Diameter	1/4"	1/4"
Output Voltage	120/240	120/240
Output AMPS	30/15	46/23
Output Watts	3500	5500

Specifications Subject To Change Without Notice
Attention! Bulk Inverter/charges such as those by
Trace, Heart & others have special power requirements.
Please advise us before ordering.

FEATURES

- Dry Air Cleaner
- Exhaust Muffler
- Oil Pressure & Water Temp Shut Down
- 12V Electric Fuel Pump
- 12V Electric Starting
- Extra Resilient Isolation Mounts
- "Easy Drain" oil change system
- One side service
- Fuel filter
- Helical Offset Tooth Drive System
- Remote start panel with hour meter and harness



3.5 kw
shown

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OPTIONS

- Mounting Base
- Enclosure
- Ceramic Coated Exhaust Muffler

Crank Mounted Blower Fan

Remote Radiators & Fans

3.5 kw

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