



NEXT GENERATION POWER ENGINEERING, INC.

UCM1-3.5



OTHER PATENTS PENDING

PATENT #5,765,805

ULTRA COMPACT MARINE 3.5 KW GENERATOR

NEXT Generations UCM1-3.5 is one of the lightest, most compact and efficient gen-sets in its class

- Mid speed operation provides low sound and vibration levels.
- Lower operating speeds to reduce sound levels and increase life expectancy
- Fully fresh water marinized heavy duty Kubota diesel engine for trouble free operation
- Average fuel consumption to just 2/10 GPH.
- Ultra compact size and light-weight construction

IGNITION PROTECTION CERTIFIED

Models can be installed in Gasoline or Diesel Vessels

FEATURES

- Cupro - Nickel Heat Exchanger
- Unit mounted self priming impeller pump
- Stainless steel water cooled exhaust mixer
- Air Cleaner/Intake silencer
- Oil pressure & water temperature safety shutdown
- Extra wide timing drive system
- 12 volt electric fuel pump
- Extra resilient four point isolation mounts
- "Easy Drain" oil change system removable/cleanable oil filter
- Front side service
- Marine grade tinned wire
- Fuel filter
- Main breaker
- Beltguard
- Remote start panel with hour meter and harness

OPTIONS

- Ignition Protection Certification
- Sound Enclosures
- 20' or 30' Wire Harness



30" Long x 18" Wide x 16.5" High (200 lbs.)



28" Long x 15.5" Wide x 15" High (160 lbs.)

SPECIFICATIONS

TYPE	- Horizontal, Water Cooled 4 Cycle diesel engine
# Of Cylinders	- 1
Bore x Stroke (In.)	- 2.95 x 2.76
Displacement (Cu. In.)	- 18.86
SAE net intermittent (HP/rpm)	- 7/2800
Combustion System	- Spherical
Compression Ratio	- 23:1
Fuel Injection Pump Type	- Bosch "mini" type
Nozzle Type	- Bosch "throttle" type
Cooling System	- Fresh Water Heat Exchanger
Lubricating System	- Forced by trochoid pump
Fuel	- ASTM #2 diesel or equivalent
Lubricating Oil	- Quality better than API service CE class
Fresh Water capacity	- 1.2 qt.
Lubricating Oil Capacity	- 1.0 U.S. Quarts
Starting System	- 12V Battery
Charging System	- None
Fuel Line Diameter	- 5/16"
Return Line Diameter	- 1/4"
Raw Water Diameter	- 5/8"
Exhaust Diameter	- 1 1/2"
Output Voltage	- 120/240
Output AMPS	- 30/15
Output Watts	- 3500

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

