NEXT GENERATION POWER ENGINEERING, INC.

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

OTHER PATENTS PENDING PATENT #5,765,805
ULTRA COMPACT MARINE 3.5 KW GENERATOR

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IGNITION PROTECTION CERTIFIED
Models can be installed in Gasoline or Diesel Vessels

www.nextgenerationpower.com
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

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.

NE@ GEN

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DEALER: