TAYLOR TM25

DIESEL GENERATOR

EQUIPMENT RENTALS

POWER CLASS	FUEL	FREQUENCY	ENGINE SPEED
20 kW	Diesel	60 Hz	1,800 RPM



Representative composite image. Actual rental equipment may vary.

PACKAGE HIGHLIGHTS

- Isuzu 4LE2T diesel engine
- EPA Tier 4 Final
- Yanan SLG184E311 alternator
- 12 V DC engine electrical system
- Ultra-low sulfur diesel
- Multiple voltage output options

OUTPUT POWER OPTIONS

Voltage	Phase	kW / kVA	Amps
277/480	3	20/25	30
120/208	3	20/25	69
120/240	1	12/12	50

TRAILER-MOUNTED DIESEL GENERATOR

Rental availability and rates: contact THE CONNER GROUP.

TAYLOR TM25 GENERATOR

TECHNICAL SPECIFICATIONS

ENGINE DATA

Manufacturer	Isuzu
Model	4LE2T
Aspiration	Turbocharged
EPA Tier	4 Final
Arrangement	Inline, 4-Cycle
Firing Order	1-3-4-2
Displacement: L (in.³)	2.18 (133.03)
Bore: mm (in.)	85.00 (3.35)
Stroke: mm (in.)	96.00 (3.78)
Compression Ratio	17.6:1
Net Horsepower	40
Rated RPM	1800
Governor	Isochronous

ENGINE LIQUID CAPACITY

Cooling System Capacity: gal (L)	1.08 (4.10)

ENGINE ELECTRICAL

Electric Volts: DC	12
Cold Cranking Amps	525
Battery(s) Required	1

FUEL SYSTEM

Fuel Injection Type	Direct
Fuel Pump Rate: gal/hr (L/hr)	2.1 (8.0)
Max Inlet Pressure: in. H2O (kPa)	80.27 (20.00)
Max Inlet Restriction: in. H2O (kPa)	-120.40 (-30.00)
Max Return Pressure: in. H2O (kPa)	68.00 (20.00)
Max Inlet Temperature: °F (°C)	140.00 (60.00)
Recommended Fuel	Ultra Low Sulfur Diesel

AIR REQUIREMENTS

Air Filter(s) Type	Dry
Combustion Air Flow: CFM (m³/min)	74.16 (2.10)
Maximum Air Intake Restriction - Clean: in. H2O (kPa)	6.82 (1.70)

EXHAUST SYSTEM

Gas Temperature: °F (°C)	896.0 (480.0)
Gas Flow: CFM (m³/min)	190.70 (5.40)
Max Exhaust Back Pressure: in. H2O (kPa)	30.10 (7.50)

FILTERS AND QUANTITY

Air Cleaner Quantity	1
Oil Filter(s) Quantity	1
Fuel Filter(s) Quantity	2

FUEL CONSUMPTION - 105°C

At 100% of Power Rating: gal/hr (L/hr)	1.62 (6.12)
At 75% of Power Rating: gal/hr (L/hr)	1.26 (4.77)
At 50% of Power Rating: gal/hr (L/hr)	0.94 (3.57)
At 25% of Power Rating: gal/hr (L/hr)	0.67 (2.52)

COOLING SYSTEM

Heat Rejection to Radiation: BTUM (kW)	1390.4 (24.5)
Coolant Flow: GPM (L/min)	20.6 (78)
Maximum Top Tank Temperature: °F (°C)	203.0 (95.0)

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ALTERNATOR & CONTROLLER DETAILS

ALTERNATOR	
Manufacturer	Yanan
Type	Self-Excited
Insulation NEMA Rise/Temp	NEMA H/105°C
Hertz	60
Phase	3
RPM	1800
Leads	12
Amortisseur Windings	Full
CFM Cooling Required	286
Voltage Regulator	AS440
Sensing	Single Phase
Voltage Regulation, No Load - Full Load	1.0%

ALTERNATOR FEATURES
BS EN 60034, BS5000, VDE 0530, NEMA MG1-32, IEC34, CSA C22.2-100, and AS1359 compliant
IP23 enclosure
Dynamically balanced to exceed BS6861:Part 1 Grade 2.5 vibration standard
Quality assurance to BS EN ISO 9001
Self-ventilated and drip proof construction
Two-thirds pitch stator and skewed rotor
Heavy duty bearings
Fully guarded
Overexcitation protection
Under frequency protection
Paralleling compatible
Single-phase sensing

DEEP SEA 7310 CONTROLLER



- Back-Lit LCD Display
- Five Key Menu Navigation
- Front Panel Configuration Editing
- PIN Protected Configuration
- Customizable Status Screens
- Power Save Mode
- 9 Configurable Inputs
- 8 Configurable Outputs
- Flexible Sender Inputs
- Configurable Timers & Alarms

- 3 Configurable Maintenance Alarms
- Multiple Date & Time Scheduler
- Configurable Event Log
- Integral PLC Editor
- Easy Access Diagnostic Page
- CAN & Magnetic Pick-Up/Alt. Sensing
- Fuel Usage Monitor & Low Fuel Alarms
- Charge Alternator Failure Alarm
- Manual Speed Control
- kW & kVAR Protection

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FEATURES & COMPONENT DETAILS

STANDARD FEATURES
Heavy Duty Steel Base
Vibration Isolators
External Oil & Coolant Drain Valve
Battery, Rack & Cables
High Ambient Unit Mounted Radiator
Flexible Fuel Lines
Busbar Connection
(2) 50 Amp 120/240V Receptacle

STANDARD FEATURES
Sound Attenuated Enclosure
Battery Charging Alternator
Fuel Valve Kit
Factory Powder Coat Finish
Line Circuit Breaker
Factory Load Test
Owner's Manual
(2) 20 Amp 120V GFCI Receptacle

MISCELLANEOUS OPTIONS
Battery Charger
Block Heater

SOUND ATTENUATED ENCLOSED UNIT	
Overall Size	68 in. L x 34 in. W x 57 in. H
Overall Size with Trailer	118 in. L x 70 in. W x 75 in. H

Note: Dimensions and weights reflect standard enclosed unit with no options and are subject to change.





