THE CONNER GROUP

WOMEN OWNED
UTILITY BUSINESS
EQUIPMENT SALES

TAYLOR TM25 GENERATOR

20 kW DIESEL POWER | TRAILER-MOUNTED GENERATOR



POWER & PERFORMANCE

THREE-PHASE OUTPUT
20 kW / 25 kVA

FREQUENCY
60 Hz

ENGINE
Isuzu 4LE2T

FUEL
Diesel

PORTABLE POWER FOR YOUR NEXT PROJECT.

Trailer-mounted diesel power for utility work, jobsites and backup applications.
Three-phase output options with 120/240 V single-phase capability.

PACKAGE HIGHLIGHTS

- Isuzu turbocharged diesel engine
- Yanan SLG184E311 alternator
- 12 V DC engine electrical system
- EPA Tier 4 Final
- 1800 RPM rated engine speed
- Ultra-low sulfur diesel fuel

OUTPUT POWER OPTIONS

VOLTAGE	PHASE	kW / kVA	AMPS
277/480 V	3	20 / 25	30
120/208 V	3	20 / 25	69
120/240 V	1	12 / 12	50

CALL FOR PRICE

Specifications/options vary; confirm quoted configuration.

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. H_2O (kPa)	80.27 (20.00)
Max Inlet Restriction: in. H_2O (kPa)	-120.40 (-30.00)
Max Return Pressure: in. H_2O (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. H_2O (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. H_2O (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)

TAYLOR TM25 GENERATOR

ALTERNATOR & CONTROLLER DETAILS

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%

- BS EN 60034, BS5000, VDE 0530, NEMA MG1-32, IEC34, CSA C22.2-100, and AS1359 complaint
- 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

TAYLOR TM25 GENERATOR

FEATURES & COMPONENT DETAILS

Standard Features:

Heavy Duty Steel Base	Sound Attenuated Enclosure
Vibration Isolators	Battery Charging Alternator
External Oil & Coolant Drain Valve	Fuel Valve Kit
Battery, Rack & Cables	Factory Powder Coat Finish
High Ambient Unit Mounted Radiator	Line Circuit Breaker
Flexible Fuel Lines	Factory Load Test
Busbar Connection	Owner's Manual
(2) 50 Amp 120/240V Receptacle	(2) 20 Amp 120V GFCI Receptacle

Sound Attenuated Enclosed Unit

Miscellaneous Options:

- Battery Charger
- Block Heater

Overall Size: 68"L x 34"W x 57"H
Overall Size with Trailer: 118"L x 70"W x 75"H

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





