

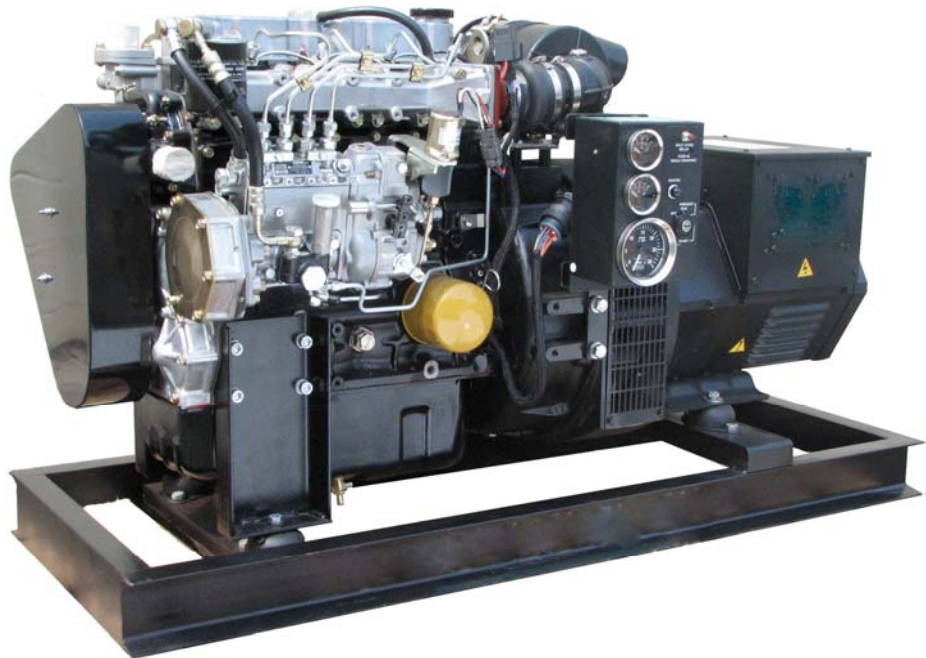


Clean Power

KEEL-COOLED COMMERCIAL MARINE DIESEL GENERATORS

Rugged, long lasting keel-cooled commercial marine generators powered by ultra-clean Tier 4 premium diesel engines and tropicalized commercial grade generator ends. Remarkable durability, clean technology, and solid factory aftermarket service and parts support. Backed by 3-year warranty and technical support, TRG[®] generators are guaranteed to safeguard your vessel.

20-60kW



21st Century Power: Durable, Reliable, Economical and Efficient.
Built Responsibly With Low Environmental Impact in Mind

21st Century Power: Ultra Clean, Practical and Affordable.

**KEEL-COOLED
COMMERCIAL MARINE
DIESEL GENERATORS
20-60kW**



MODEL	TC20	TC30	TC40	TC60
GENERATOR				
GENERATOR TYPE	Revolving Field Brushless AC			
NUMBER OF POLES	4 Poles			
STANDBY OUTPUT, 3 PHASE	23kW (28kVA)	32kW (40kVA)	41kW (51kVA)	67kW (84kVA)
CONTINUOUS OUTPUT, 3 PHASE	20kW (25kVA)	29kW (36kVA)	37kW (46kVA)	60kW (75kVA)
CONTINUOUS OUTPUT 1 PHASE	20kW (20kVA)	29kW (29kVA)	37kW (37kVA)	60kW (60kVA)
VOLTAGE, 1 PHASE	120/240	120/240	120/240	120/240
VOLTAGE, 3 PHASE	120/208, 120/240, 480	120/208, 120/240, 480	120/208, 120/240, 480	120/208, 120/240, 277/480
AMPS 1 PHASE, 120V	167	250	340	500
AMPS 1 PHASE, 240V	83	125	170	208
AMPS 3 PHASE, 240V	69	90	120	180
AMPS 3 PHASE, 480V	30	45	60	90
FREQUENCY	60Hz	60Hz	60Hz	60Hz
VOLTAGE REG. (NO LOAD TO FULL LOAD)	1%	1%	1%	1%
RATED SPEED, 60HZ	1800rpm	1800rpm	1800rpm	1800rpm
WINDING	3-phase 4-wire Star w. neutral Zigzag			
POWER FACTOR, 1 PHASE	1.0	1.0	1.0	1.0
POWER FACTOR, 3 PHASE	0.8	0.8	0.8	0.8
DIESEL ENGINE				
MAKE, MODEL AND TYPE	Isuzu 4LE2, 4 Cylinder	Mitsubishi S4S, 4 Cylinder	Mitsubishi S4SDT, 4 Cyl.	Isuzu 4JJ1X, 4 Cylinder
STARTING SYSTEM	Electric	Electric	Electric	Electric
DESIGN	4 Cycle Liquid Cooled Direct Injection Glow Plug Assist	4 Cycle Liquid Cooled Indirect Injection Glow Plug Assist	4 Cycle Liquid Cooled Direct Injection, Turbo Glow Plug Assist	4 Cycle Liquid Cooled / Charge Air Common Rail, Turbo Elec. Gov., Glow Plug Assist
DISPLACEMENT	2.18L (133 cu. In.)	3.33L(203.2cu.In)	3.33L(203.2cu.In)	3.0L(183.cu.In)
BORE X STROKE	85mm x 96mm	94mm x 120mm	94mm x 120mm	95mm x 105mm
CONTINUOUS RATED OUTPUT	31hp @ 1800 rpm	45hp @ 1800 rpm	64.8hp @ 1800 rpm	90.0hp @ 1800 rpm
FUEL CONSUMPTION FULL LOAD	1.44 gph	2.7 gph	2.8 gph	4.7 gph
FUEL CONSUMPTION 3/4 LOAD	1.05 gph	2.0 gph	2.1 gph	3.5 gph
FUEL CONSUMPTION 1/2 LOAD	0.74 gph	1.4 gph	1.5 gph	2.6 gph
FUEL CONSUMPTION 1/4 LOAD	0.45 gph	0.8 gph	0.9 gph	1.7 gph
TOTAL OIL CAPACITY	8.5L (2.2 gallons)	10.0L (2.64 gallons)	10.0L (2.64 gallons)	15.0L (3.96 gallons)
HEAT REJECTION TO COOLANT	1300 btu / min.	1985 btu / min.	1995btu / min.	2800 btu / min.
WATER FLOW RATE	60 L / min.	120 L / min.	120 L / min.	130 L / min.
PHYSICAL CHARACTERISTICS				
DIMENSIONS	56" x 25" x 34"	68" x 29" x 38"	68" x 30" x 40"	77" x 34" x 42"
UNIT DRY WEIGHT	902 lbs	1352 lbs	1404 lbs	1815 lbs
METERS AND CONTROLS	TYPE A: Light Panel w/ Oil Pres. & Water Temp. Shutdown TYPE B: Autostart Panel w/ Hourmeter & Oil Pres. & Water Temp. Shutdown TYPE C: Engine Gauge Panel With Oil Pres., Water Temp. & Tach Gauge, Hour Meter & Auto Shutdown TYPE D: Deluxe Generator Gauges With Voltmeter Ammeter Frequency Meter and Engine Gauges			
SKID TYPE	Channel Iron Skid	Channel Iron Skid	Channel Iron Skid	Channel Iron Skid



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UNITS mfg. by TRG SYSTEMS, LLC*

Features and specifications are subject to change without notice.

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