

RADIATOR COOLED CONTINUOUS DUTY GENERATOR SET



Model number: ML45YHRD-SS-EP

STATIONARY STANDBY

POWERED BY: **YANMAR**



Generator Set Specifications

- Yanmar 4TNV98T 1800 rpm Diesel 4 Cylinder Turbo Charged Diesel Engine
- Heavy Duty Marine Brushless Generator End with Marine Coating, Auxiliary Winding for Motor Starting and Automatic Voltage Regulator.
- Automatic Start Control Panel with LCD Display (Engine Monitoring, Generator Monitoring Amps/Volts/Hertz, and Fuel Level)
- Safety Shutdown System
- 12 Volt Electrics
- Vibration Isolators
- Radiator, Hoses, Fan Guard
- Industrial Air Cleaner
- Engine Support Legs
- Oil and Fuel Filters
- Powder Coated Aluminum Welded Skid with Fork Pockets
- Steel Center Point Lifting Eye
- 140 Gallon Aluminum Sub-Base Fuel Tank with Level Gauge
- Super-Silent Level 2 Sound Attenuated Powder Coated Aluminum Enclosure with Lockable Doors
- Battery and Onboard Battery Charger Included
- Owner's Manual
- 5 Year 5,000 Hour Engine Warranty
- 1 Year 1,000 Hour Generator Warranty
- Oversized Generator End for Full 1 Phase KW Output and Full 3 Phase KW Output

Generator Ratings				
PH	Voltage	HZ	Continuous Rating	
			KW	AMP
1	120	60	45	376
1	240	60	45	188
3	208	60	45	156
3	240	60	45	135
3	480	60	45	68



M&L Engine, LLC

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Engine Specifications

Manufacturer	Yanmar
Engine Model	4TNV98T
Cylinder Arrangement	4 in-line 4 cycle
Rated RPM	1800
Horse Power at Rated RPM (bhp)	68
Governor Type	Electronic
Frequency Regulation	0.25 - 3.0%
Air Cleaner	Replaceable Element
Lubrication System:	
Oil Capacity w/out filter, qt.	12
Oil Filter Type	Spin-on
Fuel System:	
Fuel Shutoff Solenoid	Electric
Fuel Pump	Electric
Fuel Pump Priming	Electric
Fuel Line Supply	5/16
Fuel Line Return	5/16
Cooling System:	
Engine Block Coolant Capacity, qt	4.3
Parts Total Coolant Capacity, qt	11.4
Fan Type	Blower
Approx Fuel Consumption, (GPH):	
100% Load	2.60
75% Load	1.95
50% Load	1.30
Sound Attenuated Enclosure:	
Noise Level @ 23ft (7 meters)	59 dBA
Material	Power Coated Aluminum
Insulation	Sound Dampening Foam

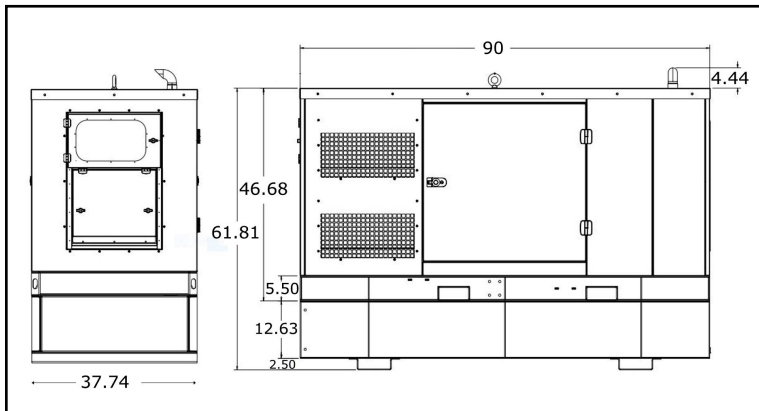
Generator Specifications

Model	MLQY1224F
Type	4 Pole
Exciter Type	Brushless
Leads: Quantity	12
Voltage Regulator	1% Automatic AVR
Insulation Material	Class H, 2X Vacuum Impregnation Marine Coating
Temperature Rise	95° C
Bearing Type	Sealed
Coupling	Direct Bolt-Up
Auxiliary Winding	300% of Rating for 10 Seconds
Continuous Rating	45KW

Optional Accessories

- Mainline Breaker
- Aux Bus Bar with Mechanical Lugs Receptacle Panel with (2) Duplex 120 Volt, (2) 50 Amp, 240 Volt, with Individual Breakers.
- ESD Air Shut Off Valve
- 6 ft Manual Cable for ESD Valve
- 12 Volt Battery - Gr 24
- 12 Volt Battery Charger
- Air Starter

Dimensions and Weights

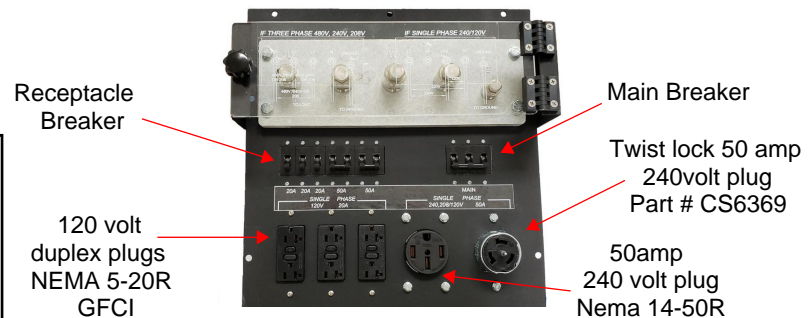


Generator Weight : TBD

Standard Auto Start Control Panel



Optional Aux Bus Bar Receptacle Panel



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