Model: 12Y.QBX2

www.DuraWattGen.com
Phone: (352) 315-0322

Overview

- 12 kW enclosed Genset
- Powder coated sheet metal enclosure
- 1” Thick sound absorbing insulation
- Cooling airflow through base

1721 Leesburg Commons Ct, Leesburg, FL 34748

Model Number Identification

Model Number	Power Rating [kW]	Configuration	Voltage [V]	Amperage [A]	Frequency [Hz]
12Y.QBX2	12	Single Phase AC	120 [L-N] / 240 [L-L]	56	60
12Y.QBX2-3	12	Three Phase AC	120 [L-N] / 208 [L-L]	47	60
12Y.QBX2-3HV	12	Three Phase AC	277 [L-N] / 480 [L-L]	20	60

General Specifications

Genset Power, kW	12
Weight, lbs (kgs)	800 (362.87)
Length, in (m)	43.56 (1.10)
Width, in (m)	23.87 (0.61)
Height, in (m)	26.66 (0.67)
Color / Finish	Anodized Silver Powder Coat

Engine Specifications

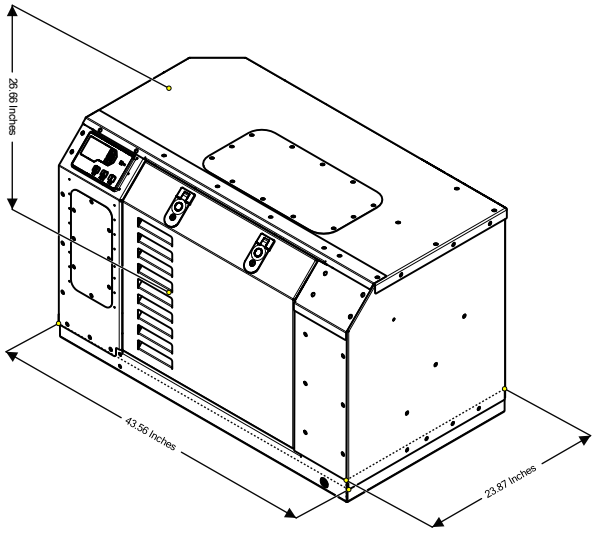
Engine	Yanmar 3TNV
Displacement, cu. in. (L)	97.64 (1.6)
Cooling	Liquid / Aluminum Radiator
Cooling Fans	Electric
Engine RPM	1800
Power, HP (kW)	21.1 (15.73)
Governor	Mechanical
Fuel Type	Ultra Low Sulfur Diesel
Emission Standard	EPA Tier IV Final / EU Stage V
Engine Cylinders	3
Exhaust Aftertreatment	N/A
Aspiration	N/A
Exhaust Connection	1-1/2” NPT Female
Starter Voltage, DC	12
Engine Alternator Voltage, DC	12
Engine Alternator Amps	50
Communication Protocol	J1939 CANBus
Oil Type	15W-40
Oil Capacity, qt. (L)	7.1 (6.7)
Coolant Type	1:1 Water / Glycol Mix
Coolant Capacity, qt. (L)	2.1 (2)
Fuel Consumption @ 100%, gph (Lph)	.9 (3.4)
Fuel Consumption @ 75%, gph (Lph)	.7 (2.6)
Fuel Consumption @ 50%, gph (Lph)	0.58 (2.2)

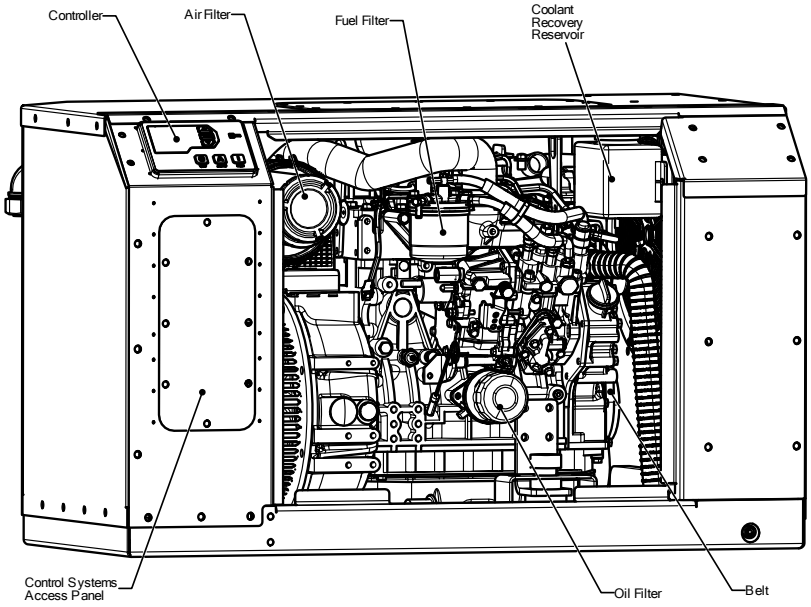
Electrical Specifications

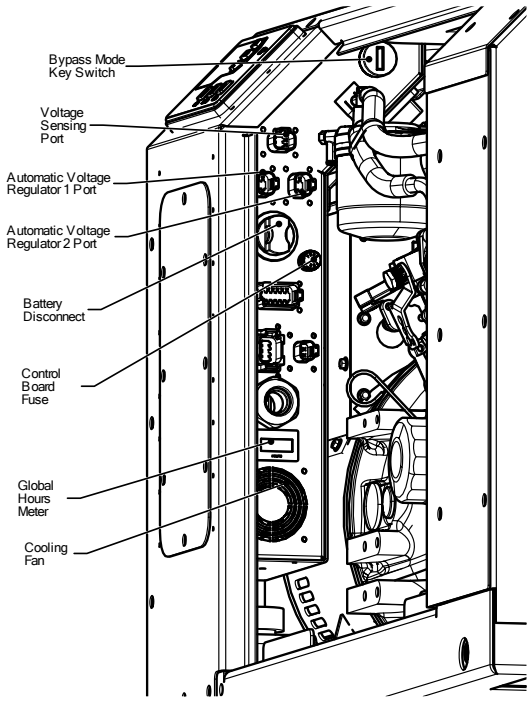
Generator End	J164F Brushless, Single Bearing
Power Output, kW	12
Voltage Regulator	R120
Electrical Connection	Flying Lead, Flexible Conduit
Neutral Configuration	Bonded Neutral
Power Rating [kW]	12
Voltage [V]	See Table
Amperage [A]	See Table
Frequency [Hz]	60

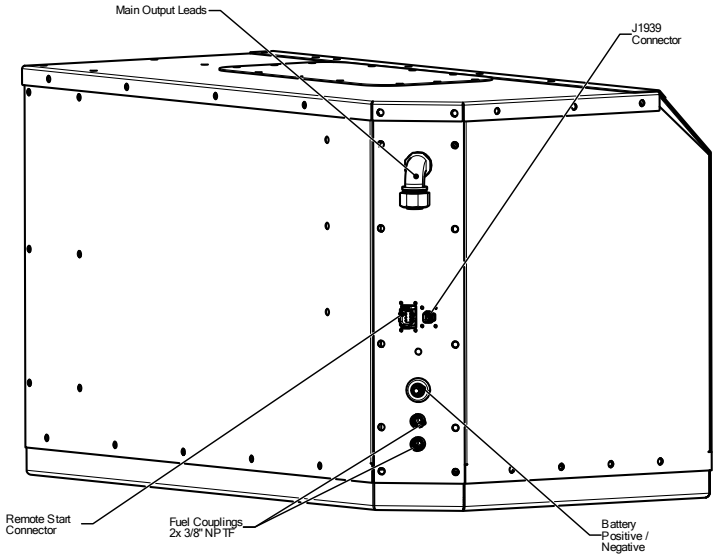
Special Features

- Backup voltage regulator installed.
- Modular and redundant engine control systems.
- Vibration isolated and filtered electrical compartment.
- Battery disconnect.


26.66 Inches
43.56 Inches
23.87 Inches


Controller
Air Filter
Fuel Filter
Coolant Recovery Reservoir
Control Systems Access Panel
Oil Filter
Belt


Bypass Mode Key Switch
Voltage Sensing Port
Automatic Voltage Regulator 1 Port
Automatic Voltage Regulator 2 Port
Battery Disconnect
Control Board Fuse
Global Hours Meter
Cooling Fan


Main Output Leads
J1939 Connector
Remote Start Connector
Fuel Couplings 2x 3/8" NPTF
Battery Positive / Negative