

Diesel Generators

50 kw - 325 kw

Open & Enclosed Generators



Standard Features

- Lift off lockable doors and control panel cover for ease of maintenance
- Vibration isolation mounting between engine/generator feet and base frame
- Insulation class H
- Double walled UL 142 listed based fuel tank on enclosed standby units
- Heavy duty dry type air filter
- Deep Sea 5210 or 5310 Engine Control module with remote start
- Battery charging alternator
- Battery rack, cables, and charger
- Exhaust silencer, residential and critical
- Oil drain plumbed to frame
- Weatherproof, powder coated aluminum sound attenuated cabinet
- Main line circuit breaker
- Lug Connections

Options

- Fuel Conditioning System
- DOT Approved Trailers
- Block Heater
- Multi-phase/voltage selector switches
- Various fuel tank sizes to extend run times
- Engines - Deutz & Iveco
- Cam connectors or Polaris quick connections
- 50 Hz

Enclosed Generators 50 - 325 kw

The MasPower series generators are powered by 1800 RPM water-cooled Yanmar diesel engines. They not only meet all of today's stringent emissions regulations but are designed to meet those of the future. They beat the competition with their low noise levels, making them ideal for a wide range of applications. These units are the best in their class for fuel economy resulting in reduced operation costs. The engines are coupled with heavy duty 12 lead re-connectable generators. This allows the units to be wired for single or three phase at a wide range of voltages. They are self-exciting, synchronous, and brushless permanent magnet generators.

Open Generators 50 - 325 kw

MasPower's MEC series of heavy duty generators are powered by a proven Yanmar diesel engine. Operating at 1800 RPM, the Yanmar diesel offers long life, reduced fuel consumption and smooth, quiet service. The engines are radiator-cooled and coupled to a brushless generator. The generator set includes: automatic shutdowns for low oil pressure and high water temperature, primary fuel filter, 12 volt starting, muffler, owner's manual and skid mounted.

DIESEL
MAS POWER

www.maspowerproducts.com
7177 30th Ave North • St. Petersburg, Florida 33710
Tel. 727.522.9471 • Fax 727.381.3235
For Georgia & Alabama 229.347.8394
Toll Free 800.545.4574

MasPower Generator Performance Specifications

(50 kw - 325kw Open & Enclosed Generators, 1800 RPM)

Product	MEC 50 DSA Single Φ	MEC 50 DSA Three Φ	MEC 60 DSA Single Φ	MEC 60 DSA Three Φ	MEC 75 DSA Single Φ	MEC 75 DSA Three Φ	MEC 90 DSA Single Φ
Standby kw	50	50	60	60	75	75	90
Overall Dimensions L x W	130x40"	130x40"	130x40"	130x40"	130x40"	130x40"	130x40"
Voltage*	240 VAC Single Φ	240 VAC Three Φ	240 VAC Single Φ	240 VAC Three Φ	240 VAC Single Φ	240 VAC Three Φ	240 VAC Single Φ
Amps at rated voltage with .8 power factor	208	150	250	180	313	225	375
Engine	Deutz	Deutz	Deutz	Deutz	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)
Standard UL Double Wall Fuel Tank Size**	200	200	200	200	300	300	300
Approx. fuel burn at 100% load	4.3 gph	4.3 gph	4.5 gph	4.5 gph	4.8 gph	4.8 gph	6.5 gph
Approx. run time at 65% load	72 hrs	72 hrs	68 hrs	68 hrs	95 hrs	95 hrs	71 hrs

MasPower Generator Performance Specifications

(50 kw - 325kw Open & Enclosed Generators, 1800 RPM)

Product	MEC 90 DSA Three Φ	MEC 100 DSA Single Φ	MEC 100 DSA Three Φ	MEC 135 DSA Single Φ	MEC 135 DSA Three Φ	MEC 150 DSA Single Φ	MEC 150 DSA Three Φ
Standby kw	90	100	100	135	135	150	150
Overall Dimensions L x W	130x40"	130x40"	130x40"	130x40"	130x40"	156x58"	156x58"
Voltage*	240 VAC Three Φ	240 VAC Single Φ	240 VAC Three Φ	240 VAC Single Φ	240 VAC Three Φ	240 VAC Single Φ	240 VAC Three Φ
Amps at rated voltage with .8 power factor	270	417	300	563	405	625	450
Engine	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)	FPT (Fiat-Iveco)
Standard UL Double Wall Fuel Tank Size**	300	300	300	300	300	500	500
Approx. fuel burn at 100% load	6.5 gph	7.0 gph	7.0 gph	8.2 gph	8.2 gph	9.1 gph	9.1 gph
Approx. run time at 65% load	71 hrs	66 hrs	66 hrs	56 hrs	56 hrs	84 hrs	84 hrs

MasPower Generator Performance Specifications

(50 kw - 325kw Open & Enclosed Generators, 1800 RPM)

Product	MEC 200 DSA Three Φ	MEC 250 DSA Three Φ	MEC 325 DSA Three Φ
Standby kw	200	250	325
Overall Dimensions L x W	156x58"	156x58"	
Voltage*	240 VAC Three Φ	240 VAC Three Φ	240 VAC Three Φ
Amps at rated voltage with .8 power factor	600	750	975
Engine	FPT (Fiat-Iveco)	Iveco	Iveco
Standard UL Double Wall Fuel Tank Size**	500	500	500
Approx. fuel burn at 100% load	11.2 gph	16 gph	22 gph
Approx. run time at 65% load	69 hrs	48 hrs	26 hrs

*Call factory for additional voltage information

**Call factory for optional fuel tank sizes

All units available as mobile or standby



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