

# Enclosed Generators

14 - 45 kW

The MasPower series generators are powered by water-cooled Yanmar diesel engines. They not only meet all of today's stringent emission 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 operating costs. The engines are coupled with heavy duty 12 lead reconnectable generators. This allows the units to be wired single or three phase at a wide range of voltages. They are self exciting, synchronous and brushless.

## STANDARD FEATURES

- Weather proof sound attenuated housing
- Lockable doors and control panel cover
- Vibration Isolation mounting between engine/generator feet and base frame
- Insulation class H
- Double walled base fuel tank
- Heavy duty dry type air filter
- Fan and belt protection guards
- Battery charging alternator
- Battery, rack and cables
- Critical exhaust and silencer
- Oil drain plumbed to frame



## Power When You Need It.

MasPower Model	MEC14DSA	MEC16DSA	MEC18DSA	MEC22DSA	MEC35DSA	MEC45DSA
Single Phase Continuous Duty	12.5kW	14.5kW	17kW	21kW	32kW	42kW
Single Phase Standby Duty	14.5kW	16.5kW	19kW	23kW	35kW	45kW
Single Phase Power Factor	0.83	0.83	0.86	0.86	0.86	0.86
Three Phase Continuous Duty	12.5kW	14.5kW	17kW	21kW	32kW	42kW
Three Phase Standby Duty	14.5kW	16.5kW	19kW	23kW	35kW	45kW
Three Phase Power Factor	0.83	0.83	0.86	0.86	0.86	0.86

Generator Model	ECO28-S	ECO28-1L	ECO28-2L	ECO28-VL-4	ECO32-3S	ECO32-1L
Number of stator leads	12	12	12	12	12	12
Frequency (50Hz Opt.)	60 Hz	60 Hz	60Hz	60Hz	60Hz	60Hz
Running Speed (RPM)	1800	1800	1800	1800	1800	1800
Temperature Rise	125 deg. C	125 deg. C	125 deg. C	125 deg. C	125 deg. C	125 deg. C
Ambient Temperature	40 deg. C	40 deg. C	40 deg. C	40 deg. C	40 deg. C	40 deg. C
Insulation Class	H 180 deg. C	H 180 deg. C	H 180 deg. C	H 180 deg. C	H 180 deg. C	H 180 deg. C

Engine Model	3TNV88	3TNV84T	4TNV88	4TNV84T	4TNV98	4TNV98T
Net Int. HP @ 1800	21.7	25.2	29	35.9	54.7	67.2
Net Cont. HP @ 1800	19.7	22.3	26.3	32.5	48.8	60.8
No. of cylinders	3	3	4	4	4	4
Aspiration	Natural	Turbocharged	Natural	Turbocharged	Natural	Turbocharged
Bore/stroke (mm)	88/90	84/90	88/90	84/90	98/110	98/110
Displacement (cc)	1642	1496	2190	1995	3318	3318
GPH @ full load	1.2	1.4	1.6	1.9	3	3.7
Fuel tank capacity, (gallons)	43	43	43	43	85	85
Starting system, electrical	12V	12V	12V	12V	12V	12V
EPA Approved	Yes	Yes	Yes	Yes	Yes	Yes

Control Panel	3-pole	3-pole	3-pole	3-pole	3-pole	3-pole
Generator Circuit Breaker	Standard	Standard	Standard	Standard	Standard	Standard
Automatic Start	Standard	Standard	Standard	Standard	Standard	Standard
Hour run meter	Standard	Standard	Standard	Standard	Standard	Standard
AC volt meter	Standard	Standard	Standard	Standard	Standard	Standard
Frequency meter	Standard	Standard	Standard	Standard	Standard	Standard
AC amp meter	Standard	Standard	Standard	Standard	Standard	Standard
DC volt meter	Standard	Standard	Standard	Standard	Standard	Standard

Enclosure	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Enclosure Protection	80 dB	80 dB	80 dB	80 dB	80 dB	80 dB
Soundproofing dB at 1m	56x29x38	56x29x38	67x29x54	67x29x54	85x34x66	85x34x66
L x W x H (Inches)	1036 lbs.	1069 lbs.	1280 lbs.	1630 lbs.	1880 lbs.	1880 lbs.
Weight						

Information deemed reliable but not guaranteed accurate.

www.maspowerproducts.com  
7177 30th Ave North St. Petersburg, Florida 33710  
Tel. 727.522.9471 Fax 727.381.3235