

Mase Generators is a 30-year European manufacturer of power systems sold throughout the world. The owner of the company is also a premier Italian boat builder enabling Mase to better design and manufacture generators for the demanding needs of marine applications. With genset outputs from 2.2 kW to 42 kW, Mase generators are powered by reliable Yanmar diesel engines, and cooled by an exclusive intercooler system.

Mase Features:

- Sound shield case is standard with every genset and is included in all pricing
- One-side serviceable
- Safety cut-out for low oil pressure and high temperature
- Double vibration mounts for minimal vibration
- Built-in oil sump pump (except 2.2 kW model) for easy servicing
- Backed by a 2 Year/2000 hour Warranty and a Nationwide/Worldwide service network
- Installation Accessories

Exhaust Kit - reduces sound of engine exhaust

Water/Gas Separator Kit - separates water and exhaust while further reducing sound

Siphon Break - prevents sea water from entering the generator when off...mandatory for below waterline installations

The Mase Intercooler System

The unique Mase Intercooler System (IS) creates a cooling capsule of internal re-circulating air within the genset. Using a "raw water" feed, water is drawn into the heat exchanger and is used to cool the air circulating in the genset. As a result, the components stay at ideal temperature with minimal heat absorbed or emitted by the genset. This allows the genset to be mounted nearly anywhere on the boat, even close to living quarters, as the heat and vibration is minimal.

The alternator and engine of the 3600 rpm line is cooled exclusively by this IS method. The 1800 rpm line has the benefits of IS cooling plus its own closed engine "fresh water" cooling system.

3600-rpm gensets offer excellent standby power to run an air conditioner, appliances, or other comforts.



1800 - rpm gensets are advanced in their design as primary power for demanding offshore use. These gensets are small, quiet and offer minimal vibration for maximum comfort.



Marine Genset Product Line

Sound Shields are standard with all gensets and are included in dimensions, weights, and sound levels listed below.



NORTH AMERICA

	3600-rpm					1800-rpm					NORTH AMERICA				
Maximum Power:	2.2 kW	3.2 kW	4.5 kW	7.1 kW	13.2 kW	7.8 kW	10.0 kW	13.5 kW	15.6 kW	18.4 kW	23.1 kW	30 kW	34 kW	42 kW	
Continuous Power:	1.9 kW	2.9 kW	4.0 kW	6.6 kW	12.2 kW	7.2 kW	9.5 kW	12.3 kW	14.6 kW	16.7 kW	22.2 kW	28 kW	31 kW	38.7 kW	
Weight: (Lbs.)	143	211	286	367	617	432	555	757	859	882	1025	1338	1338	2000	
Sound Level: (dBA at 7m, 23')	56	56	56	56	58	51	51	52	50	52	54	56	56	60	
Dimensions:	Length	20"	23-1/4"	26-1/2"	25-5/8"	38-3/4"	29-7/8"	32-7/8"	38-3/4"	38-3/4"	43-7/8"	43-7/8"	48-2"	48-2"	71-5/8"
	Width	15-3/4"	16"	18-1/2"	18-3/8"	21-7/8"	20-7/8"	22-3/8"	23"	23"	23"	24-8"	24-8"	31-1/2"	
	Height	18-1/4"	20-1/4"	22-1/4"	21-7/8"	25-3/8"	24-5/8"	27-1/8"	28-3/4"	28-3/4"	28-3/4"	28-3/4"	31-8"	31-8"	38-3/4"
Genset Model Number:	IS2.5	IS4.0	IS4.7	IS7.1	IS13.2	IS8.1	IS10.2	IS14	IS15.6	IS19	IS 23.1	IS 28	IS 31	IS 42	
Engine:	Yanmar	Yanmar	Yanmar	KUBOTA	Yanmar	John Deere									
Model:	LV48	LV70	LV100	Z482	3TNV70	3TNV76	3TNV82	3TNV88	3TNV84T	4TNV88	4TNV84T	4TNV98	4TNV98	4045DFM	
Type: Diesel/4-strk	Diesel /4-strk														
Cylinders:	1	1	1	2	3	3	3	3	3	4	4	4	4	4	
Bore:	2.75"	3.07"	3.38"	2.6"	2.7"	2.99"	3.20"	3.46"	3.3"	3.46"	3.3"	3.80"	3.80"	4.17"	
Stroke:	2.16"	2.64"	2.95"	2.6"	3"	3.07"	3.40"	3.54"	3.5"	3.5"	3.5"	4.30"	4.30"	5"	
Displacement :	211 cc	320 cc	435 cc	479 cc	854 cc	1116 cc	1331 cc	1642 cc	1500 cc	2190 cc	1995 cc	3319 cc	3319 cc	4500 cc	
RPM:	3600	3600	3600	3600	3600	1800	1800	1800	1800	1800	1800	1800	1800	1800	
Oil sump capacity with filter:	0.85 qt.	1.2qt.	1.7 qt.	1.5 qt	3.8 qt	3.7 qt	5.81 qt.	5.1 qt.	6.7 qt	7.82 qt.	7.4 qt	10.78 qt.	10.78 qt.	13.3 qt.	
Fuel pump discharge:	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	2.3'	
Fuel consump. @ full load:	.211 gal/hr	.396 gal/hr	.660 gal/hr	.890 gal/hr	1.5 gal/hr	.680 gal/hr	.75 gal/hr	1.16 gal/hr	1.4 gal/hr	1.58 gal/hr	1.98 gal/hr	1.98 gal/hr	1.98 gal/hr	3.3 gal/hr	
Air combustion requirement:	12 cfm	16.9 cfm	23 cfm	21.2 cfm	43.8 cfm	27 cfm	30 cfm	45 cfm	61.8 cfm	63.5 cfm	82.6 cfm	79 cfm	79 cfm	63.5 cfm	
Starting battery:	45Ah-12V	45Ah-12V	45Ah-12V	45Ah-12V	70Ah-12V	70Ah-12V	70Ah-12V	80Ah -12V	80Ah -12V	80Ah-12V	80Ah-12V	80Ah-12V	80Ah-12V	100Ah-12V	
Starter:	0.8kW-12V	0.8kW-12V	0.8kW-12V	0.8kW-12V	1.2kW-12V	0.8 kW-12V	1.2kW-12V	1.2kW-12V	1.2kW-12V	1.2kW-12V	1.2kW-12V	2.3kW-12V	2.3kW-12V	2.3kW-12V	
Battery charger:	—	—	—	10A - 12V	40A-12V	40A-12V	40A -12V	40A-12V	40A-12V	45A-12V					
Water pump flow:	4.4 gal/min	4.4 gal/min	4.4 gal/min	5.3 gal/min	6.6 gal/min	6.1 gal/min	6.1 gal/min	6.1 gal/min	12.7 gal/min	6.1 gal/min	12.7 gal/min	9.9 gal/min	9.9 gal/min	19 gal/min	
Generator Ratings															
Type:	Synch., 2-pole	Synch., 2-pole	Synch., 2-pole	Synch., 2-pole	Synch., 2-pole	Synch., 4-pole									
Cooling:	Intercooler W/A														
Voltage:	120 - 240V														
Frequency:	60Hz														
Battery charging output:	10A - 12V	10A - 12V	10A - 12V	—	—	—	—	—	—	—	—	—	—	—	
Insulating class:	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
Standard Control Panel	* see note 1	*see note 1	*see note 1	*see note 1	*see note 2										

* **note 1:** Remote "ON/OFF" control with hourmeter and 33' cable
note 2: Remote "ON/OFF" control with 65' cable standard. Remote with instruments optional.

MASE GENERATORS S.p.A.

E-mail: mase@masegenerators.com
 Website: www.masegenerators.com

Mase Generators of North America

Email: MaseGen@MaseNorthAmerica.com
 Website: www.MaseNorthAmerica.com

Via Tortona, 345
 47023 Cesena (FC) Italy
 Tel.+39-0547-354311 Fax.+39-0547-317555

3750 Hacienda Boulevard
 Suite E Davie, FL 33314
 Ph: 954-327-0234, Fax: 954-327-0245