



ELECTRO-MOTIVE

EMD

A Name
The World Has
Grown To Trust



- Marine Propulsion
- Electric Generating Plants
- Industrial Power Units
- Cellular Vial Filling
- Off-Highway Trucks
- Power, Pumps and Drilling Applications
- Locomotive Applications
- Cranes

GM/EMD Diesel Engines

900,000 HP
WIDE POWER
APPLICATIONS

World's Highest Output
Power (900,000 hp) for 2012
Over 2000 models, offering
more options, different
ratings and a full array of
ratings from "standard" to
"ultra-high."

The GM/EMD engine
family is a full line of
engine options with 1.5
to 18.0 liter displacement
with 1.5 to 2000 hp and
1000 to 10000 rpm.

Available Marine
Options to help design
the perfect Power Plant
for the customer or fleet
owner's needs. Ability
to provide fuel systems,
lubrication, air management
and electrical components on the
same, the benefits of the
GM/EMD technology
include a high level of
reliability and uptime.



www.emd.com

General Data - Common to both L65 and T18 Series Diesel Engines

Engine and drive configurations:	Up to 18" hp
Cylinder count:	6, 8, 10, 12, 14, 16, 18, 20
Stroke:	5.71 to 7.125 in.
Rated speed:	500 to 1500 rpm
Maximum torque:	3200 to 6000 lb-ft
Life expectancy:	50,000 to 100,000 hours
Rated torque:	25 to 2500 hp
Rated horsepower:	500 to 9000 hp
Rated torque:	3200 to 6000 lb-ft
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Rated torque:	3200 to 6000 lb-ft

Data Applicable to Specific Engine Series

Series	L65 Series Engines	T18 Series Engines
Displacement (liters)	2.5 to 18.0	1.5 to 18.0
Rated horsepower	500 to 9000	500 to 9000
Rated torque (lb-ft)	3200 to 6000	3200 to 6000
Rated speed (rpm)	500 to 1500	500 to 1500
Rated torque (hp)	500 to 9000	500 to 9000
Rated torque (lb-ft)	3200 to 6000	3200 to 6000
Rated speed (rpm)	500 to 1500	500 to 1500
Rated torque (hp)	500 to 9000	500 to 9000
Rated torque (lb-ft)	3200 to 6000	3200 to 6000
Rated speed (rpm)	500 to 1500	500 to 1500
Rated torque (hp)	500 to 9000	500 to 9000
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Rated torque (hp)	500 to 9000	500 to 9000
Rated torque (lb-ft)	3200 to 6000	3200 to 6000
Rated speed (rpm)	500 to 1500	500 to 1500
Rated torque (hp)	500 to 9000	500 to 9000
Rated torque (lb-ft)	3200 to 6000	3200 to 6000
Rated speed (rpm)	500 to 1500	500 to 1500

Data Applicable to Specific Engine Model Numbers

Engine Model	Ratings		
	Rated Horsepower (hp)	Rated Torque (lb-ft)	Rated Speed (rpm)
6000	6000	3200	1500
7000	7000	3200	1500
8000	8000	3200	1500
9000	9000	3200	1500

Engine Model	Technology							
	6000	7000	8000	9000	10000	11000	12000	13000
Rated Horsepower (hp)	6000	7000	8000	9000	10000	11000	12000	13000
Rated Torque (lb-ft)	3200	3200	3200	3200	3200	3200	3200	3200
Rated Speed (rpm)	1500	1500	1500	1500	1500	1500	1500	1500

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Marine Propulsion and Generating Units

Available from 100 kW to 1000 kW, ESI's marine propulsion and generating units are designed for maximum efficiency and reliability. ESI's marine units are available in a range of configurations, including diesel, gas, and dual-fuel. ESI's marine units are designed for maximum efficiency and reliability. ESI's marine units are designed for maximum efficiency and reliability.

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Marine Equipment Sets (MES) For Marine Propulsion Units (MPS Ratings)

Class Power Rating (kW)	MPS MPS Rating			MPS MPS Rating	
	1000	1500	2000	1000	1500
Basic Set					
1000	1,000	-	-	1,000	1,000
1500	1,500	-	-	1,500	1,500
2000	2,000	-	-	2,000	2,000
Full Package					
1000	1,000	1,000	1,000	1,000	1,000
1500	1,500	1,500	1,500	1,500	1,500
2000	2,000	2,000	2,000	2,000	2,000
2500	2,500	2,500	2,500	2,500	2,500
3000	3,000	3,000	3,000	3,000	3,000
3500	3,500	3,500	3,500	3,500	3,500
4000	4,000	4,000	4,000	4,000	4,000

Marine Equipment Sets (MES) For Generator Set Units (MGS Ratings)

ESI's marine units are designed for maximum efficiency and reliability.

Generator Set Power (kW)	Basic MES	Generator Set MES (MGS)	
		1000	1500
Basic Set			
1000	1,000	1,000	1,000
1500	1,500	1,500	1,500
2000	2,000	2,000	2,000
Full Package			
1000	1,000	1,000	1,000
1500	1,500	1,500	1,500
2000	2,000	2,000	2,000
2500	2,500	2,500	2,500
3000	3,000	3,000	3,000
3500	3,500	3,500	3,500
4000	4,000	4,000	4,000



ESI's marine units are designed for maximum efficiency and reliability.



www.esi.com

Marine Propulsion and Generating Units (MW)

PowerMax and its associated auxiliary systems offer a fully integrated, turnkey solution capable of over 500 MW and a wide variety of auxiliary capabilities for Marine use.

These components are available for on-site installation and pre-assembly for quick delivery.

An 8000 Series auxiliary generator set is shown.

PowerMax can be adapted for performance and made with primary & auxiliary generator capability. The 8000 Series generator set is available in 1000 kW and 1500 kW configurations for 60 Hz systems.



Eaton Power Quality



Marine Equipment Sets (MW) For Marine Drilling Power-Unit Ratings¹

Power-Unit Rating (MW)	Generator Set	Generator Set	Generator Set	Generator Set	Generator Set
1000	1000	1000	1000	1000	1000
1500	1500	1500	1500	1500	1500
2000	2000	2000	2000	2000	2000
3000	3000	3000	3000	3000	3000
4000	4000	4000	4000	4000	4000
5000	5000	5000	5000	5000	5000
6000	6000	6000	6000	6000	6000
7000	7000	7000	7000	7000	7000
8000	8000	8000	8000	8000	8000
9000	9000	9000	9000	9000	9000

LAND DRILLING AC Power & Mechanical

AC Drilling Power-Unit Ratings
 Eaton Power Quality offers a complete line of AC Drilling Power-Units for land drilling applications. These units are designed for high efficiency and reliability, and are available in a wide range of ratings and configurations. They are ideal for use in a variety of drilling applications, including oil and gas, water, and geothermal drilling.

POWER QUALITY
 Eaton Power Quality offers a complete line of AC Drilling Power-Units for land drilling applications. These units are designed for high efficiency and reliability, and are available in a wide range of ratings and configurations. They are ideal for use in a variety of drilling applications, including oil and gas, water, and geothermal drilling.

Stationary Equipment Sets (MW) For Land Drilling Power-Unit Ratings¹

Power-Unit Rating (MW)	Generator Set	Generator Set	Generator Set	Generator Set	Generator Set
1000	1000	1000	1000	1000	1000
1500	1500	1500	1500	1500	1500
2000	2000	2000	2000	2000	2000
3000	3000	3000	3000	3000	3000
4000	4000	4000	4000	4000	4000
5000	5000	5000	5000	5000	5000
6000	6000	6000	6000	6000	6000
7000	7000	7000	7000	7000	7000
8000	8000	8000	8000	8000	8000
9000	9000	9000	9000	9000	9000





Our excellence



For additional information regarding Sales and Service of generic EBS Products and Parts, please contact your local authorized EBS-Dealer.

Sales Department

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