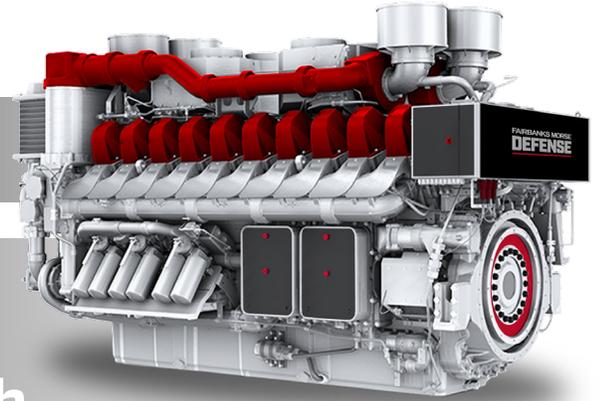


nFORCER FM 175D

HIGH POWER OUTPUT
Power Range: 1,740 - 4,440 kWb



The new FM 175 D+ engine boasts a clear and compact design intended to deliver continuous, reliable performance. Maximum power output at lowest weight makes the FM 175 D+ the superior choice. Whether you're patrolling in low-load mode or cruising at full power, the easy handling and high availability of the 175 D+ allows you to focus entirely on your mission.

KEY ADVANTAGES

- Advanced electronic common rail injection system
- Engine-mounted control system
- High efficiency turbocharger
- Low operating and lifecycle costs
- Four auxiliary power take-offs
- Long maintenance intervals and service life

APPLICATIONS & INSTALLATIONS

- Marine Application
- Commercial Workboats
- Military Vessels
- Uncrewed Vessels

SPECIFICATIONS

Cylinder Configuration	12V, 16V, 20V
Cylinder Bore - mm (in)	175 (6.89)
Piston Stroke - mm (in)	215 (8.46)
Cycle	4 Stroke
Displacement/Cylinder - L (in)	5.17 (315.49)
Mean Piston Speed - m/s (ft.S)	12.9 (42.32)
Fuel Type	DMA, DMZ, F-75, F-76

FM 175 D+ Power Systems

POWER RATINGS

CYLINDERS	CONSTANT SPEED GENERATOR * (1,800 rpm 60 Hz)	VARIABLE FREQUENCY GENERATORS * (1,080 rpm - 1,800 rpm)	PROPULSION ENGINE (1,800 rpm - 2,000 rpm)
12V	1,728 kWe - 2,189 kWe	1,786 kWe - 2,189 kWe	1,740 kWb - 2,580 kWb
16V	2,304 kWe - 2,842 kWe	2,381 kWe - 2,842 kWe	2,320 kWb - 3,200 kWb
20V	2,880 kWe - 3,648 kWe	2,976 kWe - 3,648 kWe	3,200 kWb - 4,400 kWb

* Assuming a generator efficiency of 96%

DIMENSIONS

CYLINDERS	GENSET	PROPULSION ENGINE	WEIGHT ENGINE / GENSET
Dimensions	L x W x H (mm)	L x W x H (mm)	Metric Ton
12V	5,000 x 1,170 x 2,670	2,900 x 1,661 x 2,295	9.0 / 15.8
16V	6,000 x 1,800 x 2,850	3,420 x 1,661 x 2,316	11.1 / 23.0
20V	6,500 x 1,800 x 2,900	3,940 x 1,800 x 2,900	13.3 / 27.0

STACKING THE DECKS

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