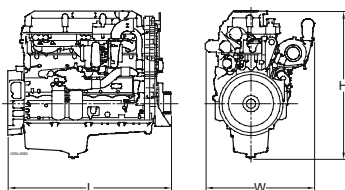
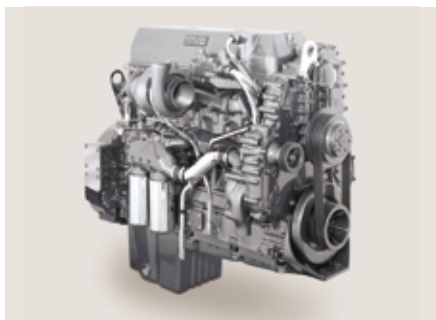


# Series 60 - 14.0 lit.

## for PowerGen Applications



### Dimensions and Masses

Engine	Dimensions LxWxH mm (in)	Mass, dry kg (lbs)
14.0 lit.	1455x1000x1280 (57x39x50)	1220 (2690)

All dimensions are approximate, for complete information refer to the installation drawing.

Engine Model		
Bore/stroke	mm (in)	133/168 (5.2/6.6)
Cylinder configuration		6 cyl.-In-line
Displacement/cylinder	l (cu in)	2.33 (142)
Displacement, total	l (cu in)	14.0 (854 )
Fuel specification		EN 590, Grade No.1-D/2-D

Application	Power definition	
3A	Continuous operation w/ 100% load	Load factor: ≤ 100 %, Operating hours: unrestricted, Overload: 10% capability (ICXN)
3B	Continuous operation w/ variable load	Load factor: < 75 %, Operating hours: unrestricted, Overload: 10% capability (ICXN)
3D	Short-time operation w/ variable load	Load factor: < 85 %, Operating hours: max. 500 p/y, Overload: Fuel stop power (ICFN)

Power output within 5% tolerance at standard conditions. Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 and SAE J 1349 standard conditions) Consult your MTU Detroit Diesel or MTU distributor/dealer for the rating that will apply to your specific application.

Engine type	Reference No. Model-06N04M	Continuous Power 3A	Prime Power 3B	Standby Power 3D
Optimization		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Application		Rated power kW (bHP) at 1500 rpm (50 Hz)		
S60 (14.0 l)	6063HK35-7058	280 (375)	358 (480)	411 (511)
	6063HK35-7835	298 (400) ①	411 (511) ①	-
	6063HK35-7834	-	362 (485) ①	-
	6063HK35-8070	-	411 (511)	455 (610)

Optimization: ① Exhaust emission TA-Luft, Edition 1986

☒ Fuel consumption



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Engine type	Reference No. Model-06N04M	Continuous Power 3A	Prime Power 3B	Standby Power 3D
Optimization		③	③	③
Application		Rated power kW (bHP) at 1800 rpm (60 Hz)		
S60 (14.0 l)	6063HK35-7497	280 (375)	356 (477)	410 (550)
	6063HK35-7833	354 (475)	410 (550)	-
	6063HK35-8069	-	465 (624)	511 (685)
	6063HK35-8154	-	-	474 (635)
Optimization		⑦	⑦	⑦
S60 (14.0 l)	6063HV35-8142	268 (359)	-	309 (414)
	6063HV35-8143	292 (392)	-	339 (455)
	6063HV35-8144	316 (424)	-	365 (489)
	6063HV35-8145	354 (475)	-	410 (550)
	6063HV35-8146	354 (475)	410 (550)	474 (635)
	6063HV35-8147	354 (475)	465 (624)	511 (685)

Optimization: ③ Exhaust emission EPA 40 CFR 89/Tier 2 ⑦ Exhaust emission EPA 40 CFR 89/Tier 3

Standard Equipment	
Starting System	Electric starter 24 V, Alternator 28VDC/70 amp., belt driven
Fuel Oil System	Fuel main filter and pre-filter, Electronic unit injection system
Lube Oil System	Lube oil filter
Combustion Air System	Dry-type air filter with contamination indicator and mounting parts
Exhaust Gas System	Turbocharger outlet connection and mounting parts
Coolant System	Radiator-cooler with mechanically driven fan for engines with air charge air cooling, with connecting parts for engine coolant circuit designed for 100% engine power, cooling air pressure loss 200 Pa, 40° C/104° F ambient air temp.
Flywheel/Housing	Cast iron flywheel housing SAE 1
Electronics and Instrumentation	Integrated electronic engine control and monitoring system DDEC Lube oil filter

Optional Equipment	
Combustion Air System	Dry-type air filter for heavy duty use with pre-separator, contamination indicator, rain cap and mounting parts
Engine Mounting	Set of engine mounting brackets for resilient mounting, Resilient engine mounts (Rubber Elements)
Electronics and Instrumentation	Monitoring Displays and Control Panels

## Reference conditions:

&gt; Intake-air temperature: 25°C (77°F)

&gt; Ambient air pressure: 1000 mbar

&gt; Altitude above sea level: 100 m (328 ft)

&gt; Rated power available up to 40°C (104°F) and 400 m (1312 ft)

Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard to standard engine.