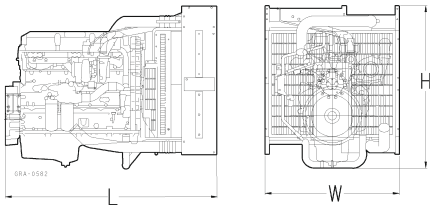
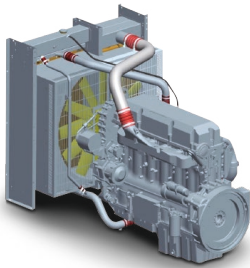




PowerGen

# SERIES 60 PLUS, 14.0 L

for stationary industrial applications with EPA Tier 2 / EU Stage II certification



Optional equipment and finishing shown. Standard may vary.

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
S60	2010x1085x1655 (79x43x65)	1500 (3310)

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

Engine		
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

		Rated power ICFN			Peak torque		
		kW	bhp	rpm	Nm	lb-ft	rpm
Optimization		3, 5					
Application		Heavy duty operation (4A)					
S60	6063HK33/7490	336	450	2100	2237	1650	1350
Optimization		3, 5					
Application		Medium duty operation (4B)					
S60	6063HK33/7491	391	525	2100	2373	1750	1350
	6063HK33/7494	410	550	2100	2373	1750	1350
	6063HK33/7496	429	575	2100	2373	1750	1350
	6063HK33/7829	447	600	2100	2576	1900	1350

Optimization: 3 Exhaust emission EPA 40 CFR 89/Tier 2  
 5 Exhaust emission EU 97/68 EU/Stage II



	Rated power ICFN			Peak torque		
	kW	bhp	rpm	Nm	lb-ft	rpm
Optimization	3, 5					
Application	Short-time operation (4C)					
S60	6063HK33/7831	470	630	2100	2576	1900 1350

Optimization: 3 Exhaust emission EPA 40 CFR 89/Tier 2  
5 Exhaust emission EU 97/68 EU/Stage II

Application	Power definition	
4A	Continuous operation with 100% load	Load factor: ≥ 60 %, operating hours: unrestricted, overload: fuel stop (ICFN)
4B	Continuous operation w/variable load	Load factor: < 60%, operating hours: unrestricted, overload: fuel stop (ICFN)
4C	Continuous operation with variable load	Load factor: < 75%, operating hours: max. 1000 /yr, overload: fuel stop (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 distributor/dealer for the rating that will apply to your specific application.

Standard equipment	
Starting system	Electric starter 24 V, belt driven 28 VDC/70 A alternator
Fuel system	Fuel main filter and pre-filter, electronic unit injection system
Lube oil system	Lube oil filter
Combustion air system	Dry-type air filter for heavy duty use with pre-separator, contamination indicator, rain cap 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
Certification	EPA, EU and MSHA

Optional equipment	
Flywheel/housing	Flexplates for Allison transmission
Engine mounting	Set of engine mounting brackets for resilient mounting, resilient engine mounts (rubber elements)
Electronics and instrumentation	Monitoring displays and control panel

Reference conditions:

- > Intake-air temperature: 25°C (77°F)
- > Ambient air pressure: 1000 mbar (14.5 psi)
- > Altitude above sea level: 100 m (328 ft)

Subject to change without notice. Customization possible.

Engines illustrated in this document may feature options not fitted as standard.