

2206D-E13TAG3 Electric Power Engines

Power range 1500 rpm

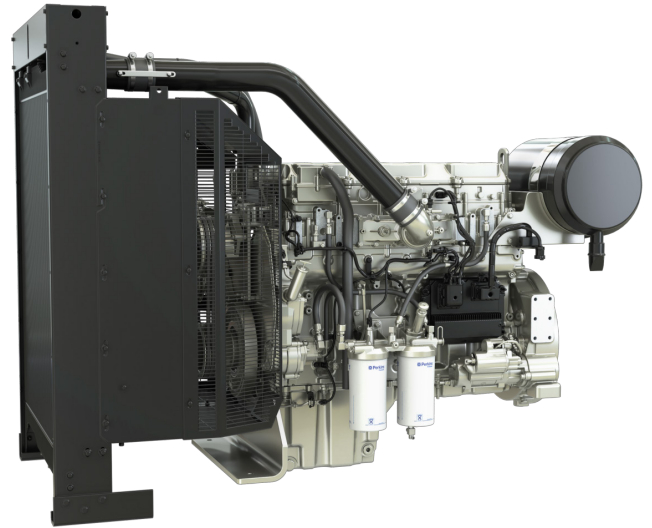
367-412 kW (engine gross power)

Emissions

EU Stage IIIA, India CPCB-II, China Nonroad Stage III

Developed from a proven heavy-duty industrial base, the Perkins® 2200 Series offers superior performance and reliability within the power generation industry. The 2206D-E13TAG models are 6 cylinder, turbocharged, air-to-air aftercooled diesel engines that provide exceptional power to weight ratios resulting in outstanding fuel consumption.

The overall performance and reliability characteristics make this a prime choice for the power generation industry.



Features and benefits

- Mechanically actuated unit fuel injectors with electronic control, combined with carefully matched turbocharging, demonstrates excellent fuel atomisation and combustion, resulting in **high efficiency power** and **fuel consumption**.
- High compression ratios ensure clean rapid starting in a wide range of ambient and altitude conditions, providing **reliable power** wherever it's needed.
- The **exceptional power-to-weight ratio** and **compact size** result in high power density, which allows for ease of installation and cost effective transportation. Moreover, the package has been designed to provide excellent service access for ease of maintenance.
- Perkins offer a range of flexible solutions to help provide appropriate support, either to the OEM's network or directly to the machine customer. Our information systems enable our distributors to quickly diagnose engine faults and identify the right parts. The parts are dispatched from our global Perkins logistics operation, often reaching the customer within 24 hours, helping to **maximise the productive life** of the engine.
- Perkins takes pride in manufacturing all products globally to the same **high quality standard**. All of our products are manufactured in world-class facilities to ensure highest quality for your peace of mind.

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Specification

	Model
	2206D-E13TAG3
Configuration	ElectropaK
Cylinders	6 vertical in-line
Displacement, litres (in ³)	12.5 (762.8)
Aspiration	Turbocharged aftercooled
Bore and stroke, mm (in)	130 × 157 (5.1 × 6.1)
Combustion system	Direct injection
Compression ratio	16.3:1
Exhaust aftertreatment	N/A
Rotation (viewed from flywheel)	Anti-clockwise
Total lubricating oil capacity, litres (US gal)	40 (10.6)
Cooling system	Liquid
Total coolant capacity, litres (US gal)	51 (13.5)

Technical Information

Model	Speed rpm	Type of operation	Engine Power		Typical Generator Output* (Net)		Prime Fuel Consumption			
			Gross	Net			ESP	100%	75%	50%
			kW (hp)	kW (hp)	kVA	kWe	g/kWh	g/kWh	g/kWh	g/kWh
2206D-E13TAG3	1500	Prime	367 (492)	349 (468)	400	320	204	206	219	229
		Standby	412 (553)	392 (526)	450	360				

*Generator powers are typical and based on typical alternator efficiencies and a power factor (cos θ) or 0.8.

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Standard Equipment

	Model
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Electro unit or ElectropaK	ElectropaK
Radiator fitted	✓
Fuel filter, engine mounted	✓
Water separator	✓
Fuel priming pump (manual/electric)	Manual
Fuel cooler (not required for most installations)	N/A
Air filter, engine mounted	✓
Engine ECM, engine mounted	✓
Wiring harness to ECM	✓
Wiring harness (all connectors to single customer interface)	✓
Starter motor	✓
Battery charging alternator	✓
Flywheel housing	✓
Flywheel	✓
Fan	✓
Fan guard	✓
Temperature and oil pressure for automatic stop/alarm configurable	✓

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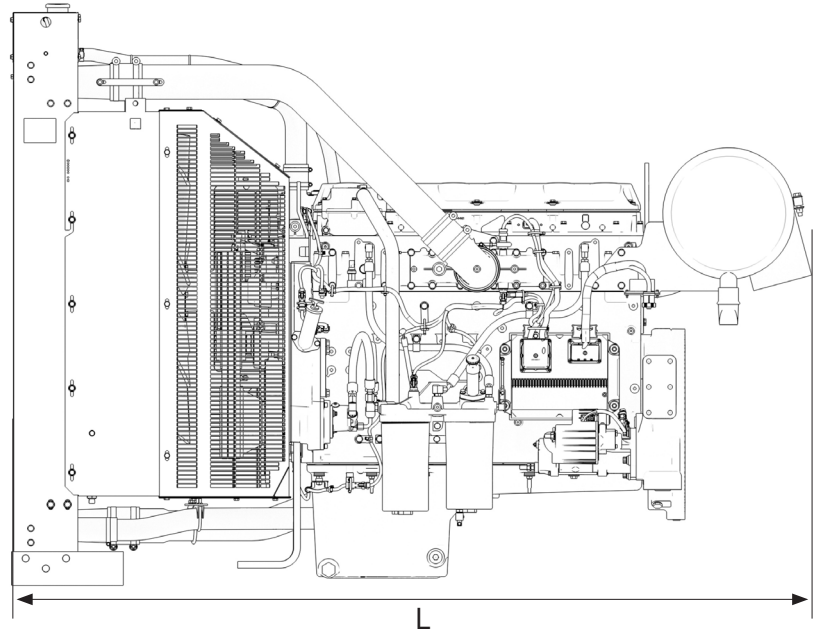
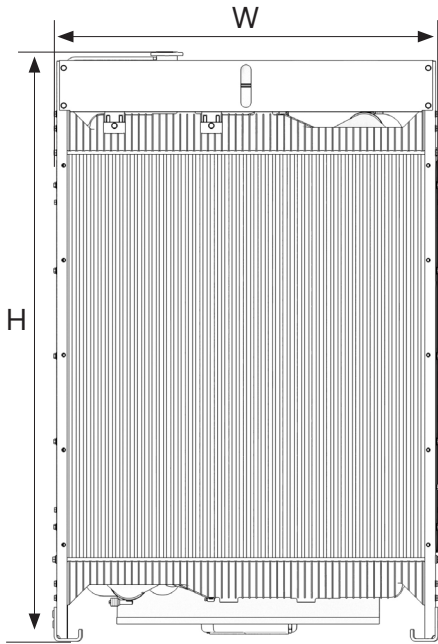
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Engine Package Weights and Dimensions



	Model
	2206D-E13TAG3
Configuration	Electropak
Dimensions, H x L x W, mm (in)	1725 x 2410 x 1120 (67.9 x 94.9 x 44.1)
Dry weight, kg (lb)	1478 (3258)

Prime power: Unlimited hours usage with an average load factor of 80 percent of the published prime power over each 24 hour period. A 10 percent overload is available for one hour in every 12 hours operation. No overload is permitted.

Standby power: Limited to 500 hours annual usage with an average load factor of 80 percent of the published standby power power over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted.