

2206D-E13TAG Electric Power Engines

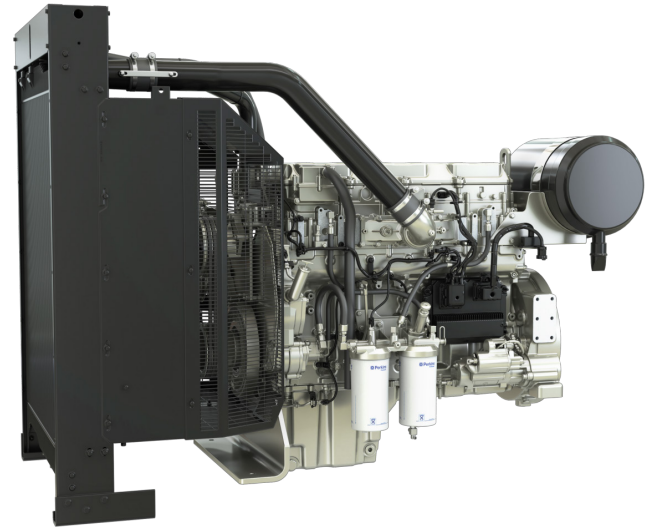
Power range 1800 rpm

373-462 kW (engine gross power)

Emissions

U.S. EPA Tier 2

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-E13TAG2	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	Type of operation	Engine Power		Typical Generator Output* (Net)		Prime Fuel Consumption			
			Gross	Net			ESP	100%	75%	50%
	rpm		kW (hp)	kW (hp)	kVA	kWe	g/kWh	g/kWh	g/kWh	g/kWh
2206D-E13TAG2	1800	Prime	373 (500)	349 (468)	400	320	206	210	217	229
		Standby	407 (546)	381 (511)	438	350				
2206D-E13TAG3	1800	Prime	407 (546)	381 (511)	438	350	204	209	214	225
		Standby	462 (620)	435 (583)	500	400				

*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	
	2206D-E13TAG2	2206D-E13TAG3
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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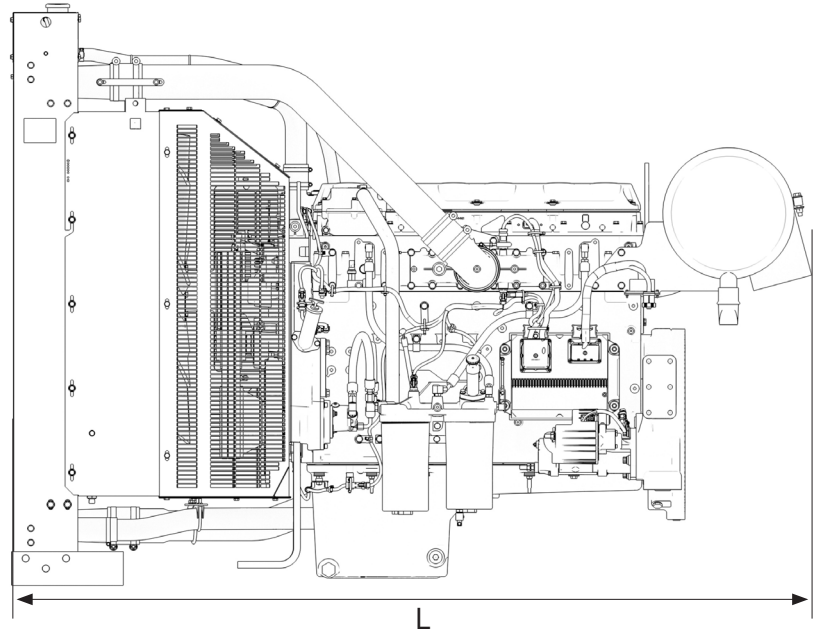
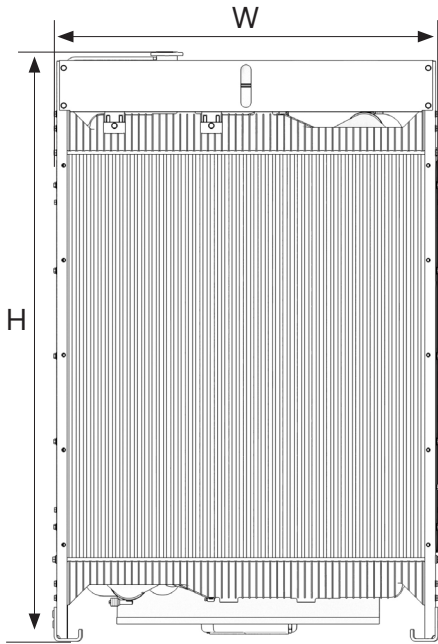
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Engine Package Weights and Dimensions



	Model	
	2206D-E13TAG2	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.