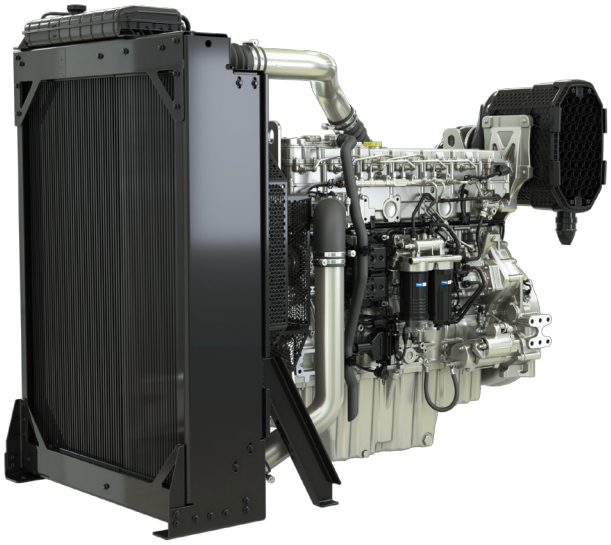
2606A-E13TAG Electric Power Engines

Power range 1500 rpm	321-495 kW (engine gross power)
Power range 1800 rpm	377-572 kW (engine gross power)
Emissions	Fuel optimised

The Perkins® 2606A-E13TAG is a fuel optimised model, based on the same foundation as its proven heavy-duty industrial counterpart, and has the capability of switching between 50 Hz and 60 Hz frequencies.

Furthermore, the 2606A-E13TAG models can be switched over to respective 2606C-E13TAG models which achieve EU Stage II equivalent emissions, intended for potential local site regulations.



Features and benefits

- **Reliable power generation** with clean rapid starting whilst delivering impressive steady state and transient response - up to 96 percent cold prime first step, G2. Capable of performing in ambient temperatures up to 60°C and altitudes as high as 3,500 metres without fuel derates.
- Hydraulic lash adjusters, oil filter drain-backs, electric priming pumps, a water-in-fuel sensor, a single convenient electronic connection point, and the removal of all loose washers make interacting with the 2606A-E13TAG **service, maintenance, and installation-friendly**.
- **Periodic operating and running costs reduced** due to carefully selected iron that optimises fuel consumption. Maximise uptime in harsh environments with fuel systems robust to various types of regional diesel fuels, while **keeping service costs** low with up to 1,000-hour oil and fuel service change intervals.

Perkins®

2606A-E13TAG Electric Power Engines

Power range 1500 rpm 321-495 kW (engine gross power)
Power range 1800 rpm 377-572 kW (engine gross power)
Emissions Fuel optimised

Specification

	2606A-E13TA				
	TAG1	TAG2	TAG3	TAG4	TAG10
Configuration	ElectropaK				
Cylinders	6				
Displacement, litres (in^3)	12.9 (787.2)				
Aspiration	Turbocharged aftercooled				
Bore and stroke, mm (in)	130 × 162 (5.1 × 6.4)				
Combustion system	Common rail direct injection				
Compression ratio	18:1				
Exhaust aftertreatment	None				
Rotation (viewed from flywheel)	Anti-clockwise				
Total lubricating oil capacity, litres (US gal)	68 (18)				
Cooling system	Liquid				
Total coolant capacity, litres (US gal)	61.7 (16.3)				

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
2606A-E13TAG1	1500	Prime	321 (431)	304 (408)	350	280	184	183	185	191
		Standby	365 (489)	348 (466)	400	320				
2606A-E13TAG2	1500	Prime	365 (489)	348 (466)	400	320	186	184	183	188
		Standby	408 (548)	391 (525)	450	360				
	1800	Prime	377 (505)	348 (466)	400	320	191	189	189	195
		Standby	409 (549)	380 (510)	438	350				
2606A-E13TAG3	1500	Prime	413 (553)	396 (531)	455	364	190	187	183	186
		Standby	452 (606)	435 (583)	500	400				
	1800	Prime	426 (571)	397 (532)	456	365	194	192	189	193
		Standby	464 (622)	435 (583)	500	400				
2606A-E13TAG4	1500	Prime	452 (606)	435 (583)	500	400	193	190	183	185
		Standby	495 (664)	478 (641)	550	440				
	1800	Prime	474 (636)	446 (598)	513	410	196	194	189	192
		Standby	518 (695)	489 (656)	563	450				

Perkins®

2606A-E13TAG Electric Power Engines

Power range 1500 rpm 321-495 kW (engine gross power)
Power range 1800 rpm 377-572 kW (engine gross power)
Emissions Fuel optimised

Technical Information (cont/d)

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
2606A-E13TAG10	1800	Prime	523 (702)	495 (663)	569	455	208	204	196	196
		Standby	572 (767)	543 (729)	625	500				

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

Standard Equipment

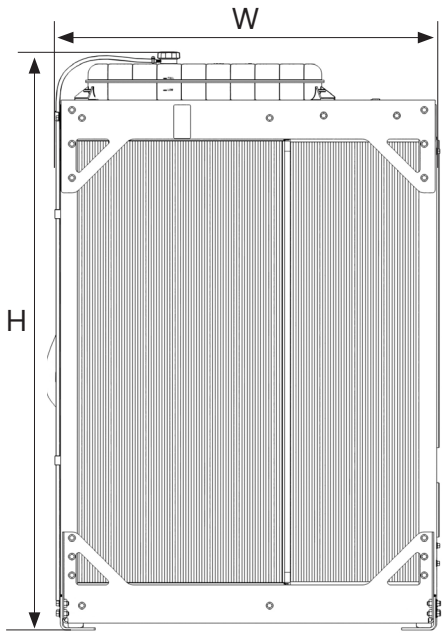
	2606A-E13TA				
	TAG1	TAG2	TAG3	TAG4	TAG10
Electro unit or ElectropaK	ElectropaK				
Radiator fitted	✓				
Fuel filter, engine mounted	✓				
Water separator	✓				
Fuel water sight glass	✓				
Fuel priming pump (manual/electric)	Electric				
WIF Sensor	✓				
Fuel cooler	N/A				
Air filter, engine mounted	✓				
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	✓				

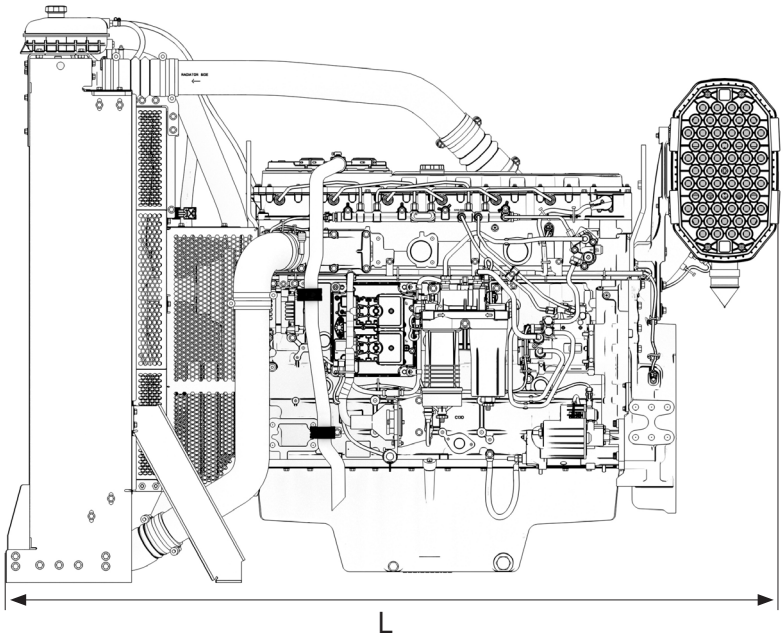
Perkins®

2606A-E13TAG Electric Power Engines

Power range 1500 rpm	321-495 kW (engine gross power)
Power range 1800 rpm	377-572 kW (engine gross power)
Emissions	Fuel optimised

Engine Package Weights and Dimensions





	2606A-E13TA				
	TAG1	TAG2	TAG3	TAG4	TAG10
Configuration	ElectropaK				
Dimensions, H x L x W, mm (in)	1703 × 2262 × 1130 (67.0 × 89.1 × 44.5)				
Dry weight, kg (lb)	1398 kg (3082)				

Continuous operating power (COP): Unlimited hours usage with an average load factor of 100 percent of the published continuous operating power. No overload is permitted on continuous operating power.

Prime power: Unlimited hours usage with an average load factor of 70 to 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.

Data centre power (DCP): Power available for variable or continuous electrical loads in a data centre application. Up to 100 percent load factor of the published DCP power is permitted for unlimited time. An overload of 10 percent is permitted for one hour in every 12 hours of operation. No overload is permitted. DCP power definition relies on ISO8528-1 2018 standard to be followed by generator set manufacturer, and will support Tier I to Tier IV classifications of data centres as per UPTIME institute guidelines.

Standby power: Limited to 500 hours annual usage with an average load factor of 70 to 80 percent of the published standby power over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted.

Limited-time running power (LTP): Maximum of 500 hours annual usage with an average load factor of 100 percent of the published LTP power.

Perkins®