Dependable power for **metro rail**

810 kVA / 910 kVA prime

Our 2000 and 4000 Series engines are designed to consistently deliver exceptional performance, durability and low operating costs for power generation to the metro rails.

With unrivalled experience of electric power applications, Perkins is the engine of choice for the power generation market.

Designed to meet India CPCBII emissions standards

Engine type	Rating (prime)
2206D-E13TAG3	400 kVA
2506D-E15TAG2	500 kVA
2806D-E18TAG1A	600 kVA
4006D-E23TAG2	750 kVA
4008D-E30TAG1	810 kVA
4008D-E30TAG2	910 kVA
4008-30TAG2	1010 kVA
4008-30TAG3	1125 kVA
4012-46TAG0A	1250 kVA
4012-46TAG1A	1363 kVA
4012-46TAG2A	1505 kVA
4012-46TAG3A	1505 kVA
4016-61TRG1	1850 kVA
4016-61TRG2	2000 kVA
4016-61TRG3	2250 kVA

Notes:

- **Prime power** = Unlimited hours usage with an average load factor of 80% of the published prime power over each 24 hours period. A 10% overload is available for one hour in every 12 hours operation. Rating definition exceeds the ISO standards.
- **Standby power** = Limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted.

Overview

4008D-E30TAG1 and 4008D-E30TAG2 (electronic engine)

This durable and economical range of 8 cylinder diesel engines with proven technology offers you trusted reliability and clean efficient power. You can also benefit from exceptional power-to-weight ratio, improved fuel efficiency and ease of service access.

Power: 810 kVA, 910 kVA (prime)
Capacity: 30.5 litres

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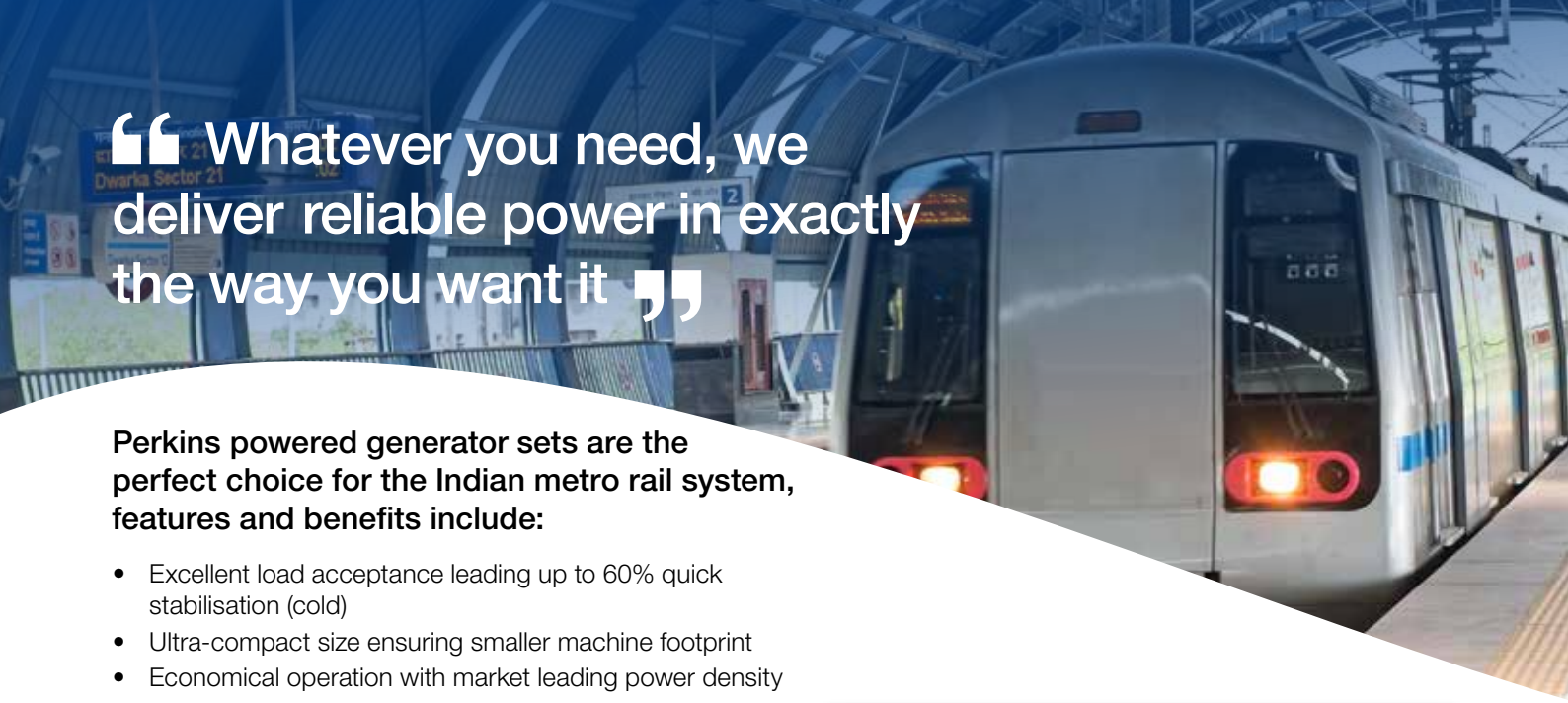
Perkins®
THE HEART OF EVERY GREAT MACHINE



“Whatever you need, we deliver reliable power in exactly the way you want it”

Perkins powered generator sets are the perfect choice for the Indian metro rail system, features and benefits include:

- Excellent load acceptance leading up to 60% quick stabilisation (cold)
- Ultra-compact size ensuring smaller machine footprint
- Economical operation with market leading power density
- Accessible, expert product support delivered by our distributor network
- Competitive total cost of ownership
- Capability to run at high altitude and up to 50°C ambient temperature
- 300 hours oil change interval
- Commonality of parts (common bore and stroke, 160 x 190 mm for 4008 engines) leading to reduced operating costs
- Competitive fuel consumption for both standby and prime applications

For engines, we provide up to 24 months with variable hour* warranty for complete peace of mind, which could be extended into a third year* for low usage. This can also be extended up to 10 years/15,000 hours* with Perkins® Platinum Protection. In addition, all Perkins genuine parts are covered by a 12 month warranty

* Terms and conditions apply

Meeting India's demand for dependable power

- Delhi metro corporation
- Delhi airport express line
- Uttar Pradesh metro rail corporation (Lucknow metro)
- Jaipur metro rail corporation
- Hyderabad metro rail corporation

Speed rpm	Type of operation	Typical generator output (Net)		Engine power			
				Gross		Net	
		kVA	kWe	kWm	hp	kWm	hp
1500	Prime power	810	648	720	965	682	914
	Standby (maximum)	900	720	796	1067	758	1016
	Prime power	910	728	799	1071	761	1020
	Standby (maximum)	1010	808	992	1330	844	1132

Notes:
- Please refer to the engine specification sheets for full details including packaged weights and dimension
- For more information about Perkins capability in electric power, visit: **www.perkins.com/epproducts**

Our two distribution partners in India - Gmmco Power and Powerparts Private Limited share a commitment to deliver the highest standards of support to our customers.

Gmmco Power
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www.gmmco.in/power

Powerparts Private Limited
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