

A nighttime photograph of a city skyline featuring several illuminated skyscrapers. In the foreground, a multi-level highway interchange is visible with traffic lights and streetlights. The scene is set against a dark blue twilight sky.

Power generation

when it matters most

4000

Series

 **Perkins®**

THE HEART OF EVERY GREAT MACHINE

Power generation you can rely on

Whether your generator set needs to operate at peak times on prime power, or purely for standby purposes, we guarantee that the reliable and durable 4000 Series engines will deliver consistent performance that provides you with electricity for many years to come. You can be assured that these engines will measure up to the toughest demands you place on them, whatever environment they are operating in. That is because we are committed to providing you with clean, efficient power you can depend on - you can always count on us.

Working with you to meet power generation needs

Through close collaboration, we can develop engines that hit all the key power nodes and incorporate the technology to operate in either emissions-regulated or unregulated territories. By working closely with you in this way we share a commitment to bring the highest quality of products to the power generation market, which can be seen with the excellent durability that we build into each engine - enabling them to operate in the harshest of environments.

Low cost of ownership

You can expect world-class quality from the Perkins 4000 Series engines, designed with common components to reduce inventory, digital governing to control fuel consumption and improved bad acceptance. Our team of experts go the extra distance to ensure that new designs are optimised to reduce downtime and the cost of parts for your engine, contributing to a low cost of ownership. The engines also come with excellent service access, 12 months warranty and 500 hour service intervals to ensure your engine continues to deliver reliable power you can depend on.

Factfile:

4000 Series

Power:
750-2500 kVA

Overview:

Our widest range brings you a choice of 6, 8, 12 and 16 cylinder options to ensure you have the engine that is perfect for your specific power generation requirements.

Each model of these high performance engines come with exceptional power-to-weight ratio, improved fuel efficiency and easy service access. They also include an option of either temperature or tropical cooling and comply with International emissions standards.

- 4006D-23 - All engines below 800 kVA meet the **CPCB II** emissions norms requirements

Class-leading warranty

- For prime applications:
 - one-year unlimited hours running or for engines which operate less than 6,000 hours in the first year
 - two-year or 6,000 hours which ever expires first
- For standby applications:
 - up to three years or 1,500 hours maximum for engines which operate less than 500 hours in the first year

Full specifications:
Available from your nearest distributor and at www.perkins.com/power

By 2040 it is estimated that global electricity demand will grow by 85 percent.

Source: ExxonMobil – Outlook for Energy: a View to 2040



Your engine of choice

Choose your perfect power solution

50 Hz, 1500 rpm

Model	Net Engine Output		Typical Generating Set Output					
	Baseload kWm	Prime kWm	Standby kWm	Baseload kWe	Prime kWe	Standby kWe	Baseload kVA	Prime kVA

6 cylinder

4006-23TAG2A	501	628	691	480	600	750	660	825
4006-23TAG3A	536	675	756	512	640	800	720	900

8 cylinder

4008TAG1A	606	767	844	576	720	900	800	1000
4008TAG2A	681	861	947	647	809	1000	880	1100

12 cylinder

4012-46TAG0A	842	1053	1158	800	1000	1250	1100	1375
4012-46TAG2A	833	1055	1166	791	989	1250	1108	1385
4012-46TAG1A	909	1148	1263	864	1080	1350	1200	1500
4012-46TAG3A	909	1149	1263	864	1079	1350	1200	1500
4012-46TAG4A	-	1254	1342	-	1200	1500	1280	1600
4012-46TAG2A	1005	1267	1395	955	1194	1500	1320	1650
4012-46TAG3A	1200	1440	1583	1140	1425	1710	1500	1875

16 cylinder

4016-61TRG1	1179	1558	1684	1120	1400	1850	1600	2000
4016TAG1A	1219	1537	1690	1170	1463	1950	1600	2000
4016-61TRG2	1347	1684	1895	1280	1600	2000	1800	2250
4016TAG2A	1362	1715	1888	1307	1634	2000	1800	2250
4016-61TRG3	1500	1875	2083	1440	1800	2250	2000	2500

60 Hz, 1800 rpm

6 cylinder

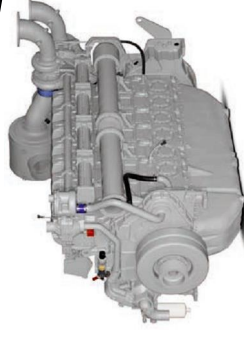
4006-23TAG2A	511	638	702	480	600	750	660	825
4006-23TAG3A	570	715	795	540	675	844	750	938

8 cylinder

4008TAG1	584	744	821	555	694	707	884	975
4008TAG2	659	838	924	626	783	800	1000	1100

12 cylinder

4012-46TAG2A	833	1055	1166	791	989	1000	1250	1375
4012-46TAG3A	909	1149	1263	864	1079	1100	1350	1500
4012-46TAG1A	914	1153	1267	868	1085	1100	1350	1500
4012-46TAG4A	-	1254	1342	-	1200	1500	1280	1600
4012-46TAG2A	1009	1272	1399	959	1199	1200	1513	1675
4012-46TAG3A	1200	1440	1583	1140	1425	1350	1700	1880



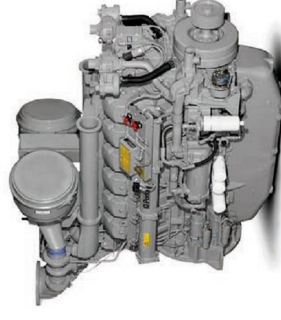
4008

- 30 litre
- Inline 8 cylinder
- Turbocharged, air-to-water chargecooled
- Temperate or tropical cooling groups
- Available as either Electrount or Electropak specification (with loose-coupled cooling group, fan, pipes and guards)
- Commonality of components



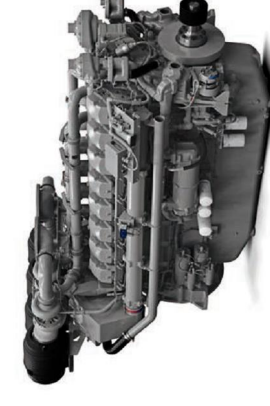
4006

- 23 litre
- Inline 6 cylinder
- Turbocharged, air-to-air chargecooled
- Temperate or tropical cooling groups
- Available as either Electrount or Electropak specification (with loose-coupled cooling group, fan, pipes and guards)
- Commonality of components



4012

- 46 litre
- Vee 12 cylinder
- Turbocharged, air-to-air/air-to-water chargecooled
- Temperate or tropical cooling groups
- Available as either Electrount or Electropak specification (with loose-coupled cooling group, fan, pipes and guards)
- Commonality of components



4016

- 61 litre
- Vee 16 cylinder
- Turbocharged, air-to-air/air-to-water/externally chargecooled
- Temperate or tropical cooling groups
- Available as either Electrount or Electropak specification (with loose-coupled cooling group, fan, pipes and guards)
- Commonality of components

Find out more

For full specifications visit www.perkins.com/power

For information on 4000 Series gas brochure product visit www.perkins.com/gas



You can always count on us

Wherever you are in the world, we go the extra distance to bring you unrivalled service. That's why our UK and Singapore parts distribution centres operate around the clock, guaranteeing direct delivery of genuine Perkins parts whatever your region.

You rely on us to deliver the highest standards of quality and innovation, which is why we design and build our engines from close customer collaboration. Our engineers will work closely with you to understand your challenges and requirements, tailoring our technology for your specific applications.

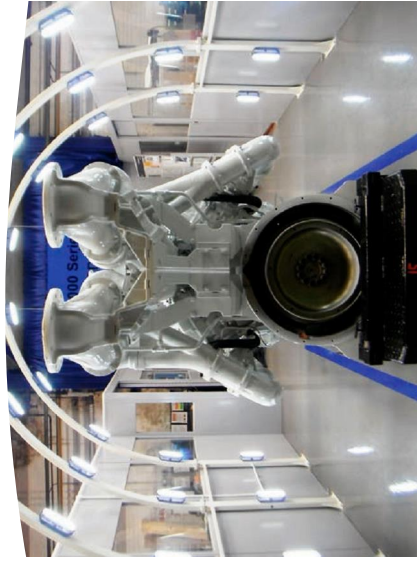
It is an approach we believe can significantly reduce your development time and costs, ensuring a maximum return on investment.

Discover more

To find out how Perkins can help transform your business and to download detailed engine specification sheets, please visit www.perkins.com/power

Other useful links

To find your local Perkins distributor www.perkins.com/distributor



Wherever you are in the world, you are always local to Perkins

To all our customers we make a simple promise: to keep your engines running wherever they are in the world.

You are never far away from expert product knowledge, genuine parts and a range of advanced diagnostic technology for keeping your engine in peak condition.

We ensure:

- World-class design and manufacturing
- Collaboration with engine experts
- Sustainable, clean engines meeting applicable emissions standards
- Competitive offering
- Distributor network that provides full product support

Enjoy peace of mind with warranties and service contracts

You can be assured that your engine is always well cared for, as every Perkins engine comes complete with a comprehensive warranty, offering you genuine peace of mind. The warranty covers the following areas:

- Labour
 - Materials
 - Reasonable travel
 - Processed claims within a two-week period
- Our warranties are also supported by multilevel Extended Service Contracts that can be bought additionally, offering extra reassurance that your engine is well cared for. After all, a reputation is built on trust and reliability.



Asia

Singapore

Perkins Engines (Asia Pacific) Pte Ltd
14 Tractor Road
Singapore 627973
Tel: +65 6828 7469
Fax: +65 6828 7414

China

Perkins Industrial Power Systems-Shanghai
20/F, Lei Shing International Plaza,
1319 West Yan'an Road,
Shanghai 200050
China
Tel: +86-21-22160774
Fax: +86-21-52136624

Americas

North America

Perkins Engines Inc
N4 AC 6160
PO Box 610
Mossville, IL 61552-0610, USA
1-888-PERK-ENG
Tel: +1 309 578 7364
Fax: +1 309 578 7329

South America

Perkins Motores do Brasil Ltda
Rua Alexandre Dumas
1711 Edificio Birmann 11 4 Andar
CEP 04717-004 São Paulo - SP
Brasil
Tel: +55 11 2109 2038
Fax: +55 11 2109 2089



THE HEART OF EVERY GREAT MACHINE

Europe, Middle East and Africa

Perkins Engines Company Limited
Peterborough PE1 5FQ
United Kingdom
Telephone +44 (0)1733 583000
Fax +44 (0)1733 582240

www.perkins.com

Copyright © 2015 Perkins Engines Company Limited, all rights reserved.
No part of this document may be reproduced in any form or by any
means, without prior written permission of Perkins Engines Company
Limited. The information in this document is substantially correct at the
time of printing and may be altered subsequently.
Publication No. PN3030/02/15