5000S Generator Set Power Selector Chart
5000系列发电机组用发动机选择表

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EU Stage II, China Nonroad Stage III

Regulated-50Hz

50Hz	排放标准(等同于) Emissions equivalent to	发动机净功率 Net Engine Output		标准发电机组输出功率 Typical Generating Set Output			
Model 型号		常用 Prime	备用 Standby	常用 Prime/DCP		备用 Standby	
		kWm	kWm	kWe	kVA	kVA	kWe
5006AC-E23TAG1	China NR III	638	702	600	750	660	825
	EU stage II						
5006AC-E23TAG2	China NR III	681	766	640	800	720	900
	EU stage II						
5008AC-E30TAG1	China NR III	774	851	728	910	800	1000
	EU stage II						
5008AC-E30TAG2	China NR III	860	957	808	1010	900	1125
	EU stage II						
5008AC-E30TAG3	China NR III	957	1064	900	1124	1000	1250
	EU stage II						
5012AC-E46TAG1	China NR III	1090	1196	1036	1295	1136	1420
	EU stage II						
5012AC-E46TAG2	China NR III	1140	1266	1083	1353	1203	1503
	EU stage II						
5012AC-E46TAG3	China NR III	1265	1392	1202	1502	1322	1652
	EU stage II						
5012AC-E46TAG4	China NR III	1440	1579	1368	1710	1500	1875
	EU stage II						
5016AC-E61TRG0	China NR III	1474	1621	1400	1750	1540	1925
	EU stage II						
5016AC-E61TRG1	China NR III	1558	1684	1480	1850	1600	2000
	EU stage II						
5016AC-E61TRG2	China NR III	1698	1909	1613	2016	1814	2266
	EU stage II						
5016AC-E61TRG3	China NR III	1895	2105	1800	2250	2000	2500
	EU stage II						

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U.S. EPA Tier 2

Regulated-60Hz

60Hz	排放标准(等同于) Emissions equivalent to	发动机净功率 Net Engine Output		标准发电机组输出功率 Typical Generating Set Output			
Model 型号		常用 Prime	备用 Standby	常用 Prime/DCP		备用 Standby	
		kWm	kWm	kWe	kVA	kVA	kWe
5008C-E30TAG4	U.S. EPA Tier 2	853	947	810	1013	900	1125
5008C-E30TAG5	U.S. EPA Tier 2	947	1053	900	1125	1000	1250
5012C-E46TAG5	U.S. EPA Tier 2	1186	1316	1127	1408	1250	1563
5012C-E46TAG6	U.S. EPA Tier 2	1422	1580	1351	1688	1501	1876

Fuel optimised-50Hz

50Hz	发动机净功率 Net Engine Output		标准发电机组输出功率 Typical Generating Set Output			
Model 型号	常用 Prime	备用 Standby	常用 Prime		备用 Standby	
	kWm	kWm	kWe	kVA	kVA	kWe
5006A-E23TAG1	638	702	600	750	660	825
5006A-E23TAG2	681	766	640	800	720	900
5008A-E30TAG1	774	851	728	910	800	1000
5008A-E30TAG2	860	957	808	1010	900	1125
5008A-E30TAG3	957	1064	900	1124	1000	1250
5012A-E46TAG1	1090	1196	1036	1295	1136	1420
5012A-E46TAG2	1140	1266	1083	1353	1203	1503
5012A-E46TAG3	1265	1392	1202	1502	1322	1652
5012A-E46TAG4	1440	1579	1368	1710	1500	1875
5016A-E61TRG0	1479	1627	1400	1750	1540	1925
5016A-E61TRG1	1558	1684	1480	1850	1600	2000
5016A-E61TRG2	1698	1909	1613	2016	1814	2267
5016A-E61TRG3	1895	2105	1800	2250	2000	2500

注

- All ratings are rounded up and are for guidance only, please refer to the specific engine technical data sheet for final powers.
  上表所有排量发动机的额定功率均为最接近的整数，并仅供参考，有关最终功率，请查阅具体发动机型号的技术资料表。
- Electrical output is based on assumed alternator efficiency and is for guidance only.
  电力输出功率是基于假定的发电机效率确定的并仅供参考。
- kVA figures are calculated using a Typical Power Factor of 0.8.
  kVA的数值以0.8标准功率因数计算。
- Perkins conditions of sale apply.
  须受Perkins销售条件规限。
- All ratings data based on operation under S0 8528- 1, S0 3046, DIN6271 conditions using typical fan sizes and drive ratios. all data is subject to a tolerance of ±5% with the exceptionof power which is subject to a tolerance of +2/-0%.
  上表所有额定功率数据均为IS0 8528-1，IS0 3046，DIN6271条件下且配备标准尺寸风扇及传动比的发动机性育.Perkins提供的性能公差为士5%。发动机功率公差为+ 2/-0%。
- Data centre power (DCP) = Power available for variable or continuous electrical loads in a Data Centre application. Up to 100 percent load factor is permitted for unlimited time.
  数据中心功率 = 数据中心场景下，可供给可变或持续性电气负载使用的功率。允许在 100% 负载率下无时限连续运行。
- 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 1 hour in every 12 hours operation.
  常用功率 = 每24小时时段内，平均载荷系数为制造商公布常用功率的80%，可无限时以此模式工作。每工作12小时可允许1小时10%过载工作。
- 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.
  备用功率 = 每24小时时段内，平均载荷系数为制造商公布备用功率的80%，每年可以此模式最多工作500小时。
- Up to 300 hours of annual usage may be run continuously. No overload is permitted on Standby Power.
  每年最多可连续工作300小时。备用状态下，不允许过载工作。
- For power range, if there are any differences between the Selection chart and technical data, please take technical data as the standard.
  本选型表所附功率如与技术参数表不一致，以技术参数表为准。

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