

Generator Set Power Selector Chart

发电机组用发动机选择表

EU Stage IIIA, Stage V Certified Models
经认证符合欧盟Stage IIIA、Stage V排放标准之型号

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50Hz Model 型号	排放标准 Emissions Level	发动机净功率 Net Engine Output		标准发电机组输出功率 Typical Generating Set Output				电机效率 Alternator Efficiency %	1500/1800 rev/min switchable 转速切换
		常用 Prime	备用 Standby	常用 Prime/DCP		备用 Standby			
		kWm	kWm	kWe	kVA	kWe	kVA		

● 1500 rev/min (6 kVA to 610 kVA)

403J-07G	N/A<19kW	5	6	5	6	5	6	83.2%	◆
403D-11G	N/A<19kW	8	9	7	9	8	10	86%	◆
403J-11G	Stage V 阶段	8	9	7	9	8	10	86%	◆
403D-15G	N/A<19kW	12	13	10	13	12	15	87%	◆
404D-22G	Stage IIIA 阶段	18	20	16	20	18	22	87%	◆
404J-22G	Stage V 阶段	19	21	16	20	18	22	87%	■
404J-E22TAG	Stage V 阶段	38	41	32	40	35	44	90%	■
1103D-33G2	Stage IIIA 阶段	29	32	25	32	28	35	87%	■
904J-E36TAG1	Stage V 阶段	48	53	43	54	48	60	90%	■
904J-E36TAG3	Stage V 阶段	53	58	48	60	53	66	90%	■
1104D-44TG2	Stage IIIA 阶段	54	59	48	60	53	66	88%	◆
1104D-E44TAG1	Stage IIIA 阶段	74	81	64	80	70	88	90%	■
1104D-E44TAG2	Stage IIIA 阶段	91	101	80	100	88	110	90%	■
1106D-E70TAG2	Stage IIIA 阶段	129	143	117	147	130	163	91%	■
1106D-E70TAG3	Stage IIIA 阶段	141	156	129	161	142	177	91%	◆
1106D-E70TAG4	Stage IIIA 阶段	165	182	144	180	160	200	91%	
1204J-E44TTAG2	Stage V 阶段	107	119	97	123	109	136	92%	◆
1206D-E70TTAG1	Stage IIIA 阶段	178	196	160	200	176	225	92%	
1206D-E70TTAG2	Stage IIIA 阶段	196	218	184	225	200	250	92%	◆
1206D-E70TTAG3	Stage IIIA 阶段	218	240	200	250	220	275	92%	
1206J-E70TTAG3/4	Stage V 阶段	172	191	159	198	175	219	92%	◆
1706J-E93TAG1	Stage V 阶段	221	244	210	263	232	290	92%	
1706J-E93TAG2	Stage V 阶段	265	292	249	312	275	343	92%	
2206D-E13TAG3	Stage IIIA 阶段	349	392	320	400	360	450	92%	
2406J-E13TAG3	Stage V 阶段	349	385	328	410	362	452	94%	
2506D-E15TAG2	Stage IIIA 阶段	435	478	400	500	440	550	92%	
2806J-E18TAG1	Stage V 阶段	479	530	444	554	488	610	92%	

■ Switchable engines must be requested at point of order, please consult with your local Perkins representative.
可切换频率配置发动机须于订购点提出要求, 请向就近Perkins公司代表询问。

◆ Can be switched from 1500rpm to 1800rpm.
转速可由1500rpm切换至1800rpm

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 ISO 8528-1, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by Perkins is $\pm 5\%$.
上表所有额定功率数据均为ISO 8528-1, ISO 3046, DIN6271条件下且配备标准尺寸风扇及传动比的发动机性能。Perkins提供的性能公差为 $\pm 5\%$ 。
- 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。

Generator Set Power Selector Chart

发电机组用发动机选择表

EU Stage IIIA, Stage V Certified Models
经认证符合欧盟Stage IIIA、Stage V排放标准之型号

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60Hz Model 型号	美国环保局 排放标准 EPA Emissions Level	发动机净功率 Net Engine Output		标准发电机组输出功率 Typical Generating Set Output				电机效率 Alternator Efficiency %	1500/1800 rev/min switchable 转速切换
		常用 Prime	备用 Standby	常用 Prime/DCP		备用 Standby			
		kWm	kWm	kWe	kVA	kWe	kVA		

● 1800 rev/min (11 kVA to 938 kVA)

402D-05G	Tier 3	5	5	4	5	4	5	84.7%	
403D-07G	Tier 3	7	7	6	7	6	8	84.3%	
403D-11G	Tier 4i, ESE	10	11	9	11	10	12	87%	
403F-11G	Tier 4 Final	9	9	7	9	8	10	87%	
403D-15G	Tier 4i, ESE	14	16	13	16	14	18	88%	
404D-22G	Tier 4i, ESE	22	24	19	24	21	27	89%	
404D-22TG	Tier 4i, ESE	30	33	26	33	29	36	89%	
404J-E22TAG	Tier 4 Final	45	50	36	45	40	50	90%	◆
904J-E36TAG1	Tier 4 Final	46	51	42	52	46	58	90%	◆
1104D-44TG1	Tier 3, ESE	-	63	-	-	57	71	90%	
1104D-E44TG1	Tier 3, ESE	65	71	55	68	60	75	88.5%	
1104D-E44TAG1	Tier 3, ESE	85	93	73	91	80	100	90%	■
1104D-E44TAG2	Tier 3, ESE	104	115	91	114	100	125	90%	■
1204J-E44TTAG2	Tier 4 Final	106	118	98	122	109	136	92%	◆
1106D-E70TAG2	Tier 3, ESE	145	161	132	165	147	183	92%	■
1206J-E70TTAG3	Tier 4 Final	151	168	135	169	150	188	92%	◆
1106D-E70TAG3	Tier 3, ESE	157	173	143	178	158	197	92%	■
1106D-E70TAG4	Tier 3, ESE	180	199	160	200	175	219	92%	■
1106D-E70TAG5	Tier 3, ESE	-	224	--	-	200	250	92%	
1206J-E70TTAG4	Tier 4 Final	200	222	180	225	200	250	92%	◆
1706D-E93TAG1	Tier 3, ESE	254	281	237	296	261	327	92%	
1706D-E93TAG2	Tier 3, ESE	309	341	288	359	318	397	92%	
1706J-E93TAG2	Tier 4 Final	291	321	267	334	296	369	92%	◆
2206D-E13TAG2	Tier 3, ESE	349	381	320	400	350	438	92%	
2206D-E13TAG3	Tier 3, ESE	381	435	350	438	400	500	92%	
2406J-E13TAG3	Tier 4 Final	364	403	342	428	379	474	94%	◆
2506D-E15TAG1	Tier 3, ESE	435	490	400	500	450	563	92%	
2506C-E15TAG3	Tier 2, ESE	509	562	468	585	517	646	92%	
2506C-E15TAG4	Tier 2, ESE	-	597	-	-	550	687	92%	
2806F-E18TAG1	Tier 4 Final	475	529	455	569	500	625	95%	
2806C-E18TAG3	Tier 2, ESE	592	652	545	681	600	750	92%	■
2806C-E18TTAG6	Tier 2, ESE	685	754	650	813	716	895	95%	
2806C-E18TTAG7	Tier 2, ESE	716	790	680	850	750	938	95%	

■ Switchable engines must be requested at point of order, please consult with your local Perkins representative.

可切换频率配置发动机须于订购点提出要求, 请向就近Perkins公司代表询问。

◆ Can be switched from 1800rpm to 1500rpm.

转速可由1800rpm切换至1500rpm。

ESE ~ For Stationary Emergency Use Only 只限固定式应急备用机组使用

Where ratings are used in the U.S. in Emergency Stationary Equipment (ESE) under US Regulation Title 40 CFR Part 60 subpart III, the engine maybe run in non-emergency situations for maintenance/testing purposes, but such running should be limited to 100 hours per year. Please refer to regulations for exact guidance.

在美国使用ESE紧急备用功率时, 需依据40 CFR Part 60 subpart III法规。发动机可工作在非紧急状态下, 用于维护/测试, 但非紧急状态下的运行每年不得超过100小时, 更详细的信息请参考相关法规。

注

- All ratings above 1 liter are rounded up and are for guidance only, please refer to the specific engine technical data sheet for final powers.

上表所有1升以上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销售条件规范。

- All ratings data based on operation under ISO 8528-1, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by Perkins is $\pm 5\%$.

上表所有额定功率数据均为ISO 8528-1, ISO 3046, DIN6271条件下且配备标准尺寸风扇及传动比的发动机性能。Perkins提供的性能公差为 $\pm 5\%$ 。

- 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, 平均负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, 平均负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。