

Generating Set Power Selector

EU Stage V, Stage IIIA >19 kW, India CPCBII, China Nonroad Stage III

50 Hz		Emissions Certification	Aftertreatment	Net Engine Output		Typical Generator Set Output				1500/1800 rev/min switchable
Litres	Model			Prime	Standby	Prime		Standby		
				kWm	kWm	kWe	kVA	kWe	kVA	
3000 rpm (18 kVA to 36 kVA)										
1.1	403D-11G	EU Stage IIIA	-	17	18	14	18	16	20	-
1.5	403D-15G	EU Stage IIIA	-	18	20	18	22	19	24	-
2.2	404D-22G2	EU Stage IIIA	-	30	33	27	33	29	36	-
1500 rpm (4 kVA to 1010 kVA)										
0.5	402J-05G	EU Stage V	-	4	4	3	4	3	4	-
0.7	403D-07G*	N/A <19 kW	-	5	6	5	6	5	6	-
	403J-07G	EU Stage V	-	5	6	5	6	5	6	-
1.1	403D-11G	N/A <19 kW	-	8	9	7	9	8	10	-
	403J-11G	EU Stage V	-	8	9	7	9	8	10	-
1.5	403D-15G	N/A <19 kW	-	12	13	10	13	12	15	-
2.2	404D-22G	EU Stage IIIA	-	18	20	16	20	18	22	-
	404J-22G	EU Stage V	-	19	21	16	20	18	22	-
	404D-22TG	EU Stage IIIA	-	25	27	22	27	24	30	■
3.3	1103D-33G2	EU Stage IIIA	-	29	32	25	32	28	35	■
	1103D-33G3	EU Stage IIIA	-	29	32	25	32	28	35	-
4.4	1104D-44TG2	EU Stage IIIA	-	54	59	48	60	53	66	■
	1104D-44TG3	EU Stage IIIA	-	54	59	48	60	53	66	-
	1104D-E44TAG1	EU Stage IIIA	-	73	81	64	81	71	89	■
	1104D-E44TAG2	EU Stage IIIA	-	91	101	80	100	88	110	■
7.0	1106D-E70TAG2	EU Stage IIIA	-	129	143	114	142	126	157	■
	1106D-E70TAG3	EU Stage IIIA	-	141	156	120	150	138	172	■
	1106D-E70TAG4	EU Stage IIIA	-	165	182	144	180	160	200	■
	1206D-E70TTAG1	EU Stage IIIA	-	177	195	160	200	180	225	■
	1206D-E70TTAG2	EU Stage IIIA	-	195	217	180	225	200	250	■
9.3	1706J-E93TAG1	EU Stage IIIA	-	217	238	200	250	220	275	■
		EU Stage V	DOC+DPF+SCR	268	295	246	308	272	340	■
12.5	2206D-E13TAG3	China NR Stage III	-	349	-	320	400	360	450	-
		EU Stage IIIA	-	349	-	320	400	360	450	-
		India CPCBII	-	349	-	320	400	360	450	-
15.2	2506D-E15TAG2	China NR Stage III	-	435	478	400	500	440	550	-
		EU Stage IIIA	-	435	478	400	500	440	550	-
		India CPCBII	-	435	478	400	500	440	550	-
18.1	2806D-E18TAG1A	China NR Stage III	-	522	574	480	600	528	660	-
		India CPCBII	-	522	574	480	600	528	660	-
23.0	4006D-E23TAG2	India CPCBII	-	638	702	600	750	660	825	-
30.0	4008D-E30TAG1	India CPCBII	-	693	769	648	810	720	900	-
	4008D-E30TAG2	India CPCBII	-	772	855	728	910	808	1010	-

* Available as Electro Unit only.

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

Notes:

- All ratings are rounded to the nearest whole number and are for guidance only. Please refer to the technical data or specification sheet for accurate powers.
- Electrical output is based on assumed alternator efficiency and is for guidance only.
- kVA figures are calculated using a typical power factor of 0.8.
- Perkins conditions of sale apply.
- 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 ± 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.
- **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 on Standby Power.

Generating Set Power Selector

Tier 2, Tier 3, Tier 4 Interim and Tier 4 Final** - U.S. EPA 40 CFR Part 60
Tier 4 Final - U.S. EPA 40 CFR Part 1039

60 Hz		Emissions Certification	Aftertreatment	Net Engine Output		Typical Generator Set Output				1800/1500 rev/min switchable
Litres	Model			Prime	Standby	Prime		Standby		
				kWm	kWm	kWe	kVA	kWe	kVA	
1800 rpm (3 kWe to 750 kWe)										
0.5	402F-05G*	Tier 4 Final	-	3	4	3	4	3	4	-
	402D-05G*	Tier 4 Final **	-	5	5	4	5	4	5	-
0.7	403F-07G*	Tier 4 Final	-	5	6	4	5	5	6	-
	403D-07G*	Tier 4 Final **	-	7	7	6	7	6	8	-
1.1	403F-11G	Tier 4 Final	-	9	9	9	11	10	12	-
	403D-11G	Tier 4 Final **	-	10	11	9	11	10	12	□
1.5	403F-15G	Tier 4 Final	-	12	14	11	14	12	15	□
	403D-15G	Tier 4 Final **	-	14	16	13	16	14	18	□
2.2	404D-22G	Tier 4 Interim ***	-	22	24	19	24	21	27	□
	404D-22TG	Tier 4 Interim ***	-	30	33	26	33	29	36	■
	404D-22TAG	Tier 4 Interim ***	-	32	36	29	36	32	40	-
3.4	854F-E34TG1	Tier 4 Final	-	48	53	43	55	47	59	-
4.4	1104C-44G2	Tier 2	-	47	52	43	53	47	59	■
	1104C-44TAG1	Tier 2	-	80	89	72	91	80	100	■
	1104C-44TAG2	Tier 2	-	102	112	92	114	101	127	■
	1104D-44TG1	Tier 3	-	-	63	-	-	57	71	-
	1104D-E44TG1	Tier 3	-	64	70	55	68	60	75	-
	1104D-E44TAG1	Tier 3	-	84	93	73	91	80	100	-
	1104D-E44TAG2	Tier 3	-	100	111	90	113	100	125	-
7.0	1204F-E44TTAG2	Tier 4 Final	DOC+SCR	109	121	91	114	100	125	-
	1106D-E70TAG2	Tier 3	-	145	161	135	169	143	178	■
	1206F-E70TTAG3	Tier 4 Final	DOC+DPF+SCR	151	168	135	169	150	188	-
	1106D-E70TAG3	Tier 3	-	157	173	136	170	153	191	■
	1106D-E70TAG4	Tier 3	-	180	199	160	200	175	219	■
	1206D-E70TTAG1	EU Stage IIIA	-	202	224	180	225	200	250	■
	1206F-E70TTAG4	Tier 4 Final	DOC+DPF+SCR	202	223	180	225	200	250	-
8.8	1106D-E70TAG5	Tier 3	-	-	218	-	-	200	250	-
	China NR Stage III	-	-	218	-	-	200	250	-	
1506D-E88TAG3	Tier 3	-	254	276	234	292	254	317	■	
	Tier 3	-	306	336	282	352	309	386	■	
9.3	1706D-E93TAG1	Tier 3	-	257*	284*	236*	296*	260*	327*	-
	1706D-E93TAG2	Tier 3	-	292*	322*	270*	335*	296*	370*	-
	1706J-E93TAG1	Tier 4 Final	DOC+DPF+SCR	294	325	270	338	299	373	■
12.5	2206D-E13TAG2	Tier 3	-	349	381	320	400	350	438	-
	2206D-E13TAG3	Tier 3	-	381	435	350	438	400	500	-
	2206F-E13TAG2	Tier 4 Final	DOC+DPF+SCR	358	395	340	425	375	469	■
15.2	2506D-E15TAG1	Tier 3	-	435	490	400	500	450	563	-
	2506C-E15TAG3	Tier 2	-	509	562	468	585	517	646	-
	2506C-E15TAG4	Tier 2	-	-	597	-	-	550	687	-
18.1	2806F-E18TAG1	Tier 4 Final	DOC+DPF+SCR	475	529	455	569	500	625	-
	2806C-E18TAG3	Tier 2	-	592	652	545	681	600	750	■
	2806C-E18TTAG6	Tier 2	-	685	754	650	813	716	895	-
	2806C-E18TTAG7	Tier 2	-	716	790	680	850	750	938	-

- ❖ Available as Electro Unit only
- Switchable engines must be requested at point of order, please consult with your local Perkins representative
- Switchable via retrofit electronic governor
- * Engineering targets pending final confirmation, please consult with your local Perkins representative for the latest information
- ** Tier 4 Final pre-NTE and NRTC emissions standards – for use in Emergency Stationary Equipment
- *** For use in Emergency Stationary Equipment

Notes:

- All ratings are rounded to the nearest whole number and are for guidance only. Please refer to the technical data or specification sheet for accurate powers.
- Electrical output is based on typical generator efficiency and is for guidance only.
- kVA figures are calculated using a typical power factor of 0.8.
- Perkins conditions of sale apply.
- 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 ± 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.
- **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 on Standby Power.
- Emergency Standby Power (ESP) = Power available in the event of a main power network failure, which may be run continuously. Load factor may be up to 100% of the ESP rating. No overload is permitted.. Under ISO8528 the maximum number of hours of running per year is 200 hours for combined ESP and maintenance. Under US Regulation Title 40 CFR Part 60 Subpart III, the engine may be 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.