

Gen Set Power Selector Chart

97/68/EC Certified Models

2012 Issue 2

Model	EU Emissions Level	Net Engine Output			Typical Generator Efficiency %	Typical Power Factor	Typical Generating Set Output						1500/1800 rev/min switchable
		Baseload kWm	Prime kWm	Standby kWm			Baseload		Prime		Standby		
							kWe	kVA	kWe	kVA	kWe	kVA	

50Hz

3000 rev/min (22 kVA to 36 kVA)

403D-15G	Stage IIIA	-	20	22	87	0.8	-	-	18	22	19	24	
404D-22G	Stage IIIA	-	30	33	89	0.8	-	-	27	33	29	36	

1500 rev/min (20 kVA to 550 kVA)

404D-22G	Stage IIIA	-	18	20	88	0.8	-	-	16	20	18	22	
404D-22TG	Stage IIIA	-	24	27	90	0.8	-	-	22	27	24	30	■
1103D-33G2	Stage IIIA	-	27	30	90	0.8	-	-	24	30	26	33	■
1103D-33G3	Stage IIIA	-	27	30	90	0.8	-	-	24	30	26	33	
1104D-44TG2	Stage IIIA	-	54	59	90	0.8	-	-	48	60	53	66	■
1104D-44TG3	Stage IIIA	-	54	59	90	0.8	-	-	48	60	53	66	
1104D-E44TAG1	Stage IIIA	-	72	79	90	0.8	-	-	64	80	70	88	■
1104D-E44TAG2	Stage IIIA	-	90	100	90	0.8	-	-	80	100	88	110	■
1606D-E93TAG1	Stage IIIA	*	174	191	92	0.8	*	*	160	200	176	220	■
1606D-E93TAG2	Stage IIIA	*	200	217	92	0.8	*	*	184	230	200	250	■
1606D-E93TAG3	Stage IIIA	*	217	239	92	0.8	*	*	200	250	220	275	■
1606D-E93TAG4	Stage IIIA	*	239	261	92	0.8	*	*	220	275	240	300	■
1606D-E93TAG5	Stage IIIA	*	261	287	92	0.8	*	*	240	300	264	330	■
2506D-E15TAG2	Stage IIIA	*	435	478	92	0.8	*	*	400	500	440	550	

*Available on application

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

Notes:

- All ratings are for guidance only, please refer to the specific engine technical data sheet for final powers.
- Perkins conditions of sale apply.
- Electrical output is based on typical generator efficiency and is for guidance only.
- 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%.
- **Baseload Power** = Power available for continuous full load operation. An overload of 10% permitted for one hour in every twelve hours of operation.
- **Prime Power** = Power available at variable load in lieu of main power network (please refer to the engine Technical Data Sheets for engine load factors). An overload of 10% permitted for one hour in every twelve hours of operation.
- **Standby Power** = Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No overload is permitted.

Gen Set Power Selector Chart

Certified Models

Tier 2 and 3 - EPA 40 CFR Part 60

Tier 4 Interim - EPA 40 CFR Part 1039

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		Baseload kWm	Prime kWm	Standby kWm			Baseload		Prime		Standby		
							kWe	kVA	kWe	kVA	kWe	kVA	

3600 rev/min (8 kWe to 12 kWe)

402D-05G ✧	Tier 4 Interim	-	9	10	86	0.8	*	*	8	10	8	10	
403D-07G ✧	Tier 4 Interim	-	13	14	86	0.8	*	*	11	14	12	15	

1800 rev/min (4 kWe to 600 kWe)

402D-05G ✧	Tier 4 Interim	-	5	5	86	0.8	-	-	4	5	4	5	
403D-07G ✧	Tier 4 Interim	-	7	7	86	0.8	-	-	6	7	6	8	
403D-11G	Tier 4 Interim	-	10	11	87	0.8	-	-	9	11	10	12	
403D-15G	Tier 4 Interim	-	14	16	88	0.8	-	-	13	16	14	17	■
404D-22G	Tier 4 Interim	-	22	24	89	0.8	-	-	19	24	21	27	■
404D-22TG	Tier 4 Interim	-	29	32	89	0.8	-	-	26	32	28	35	■
404D-22TAG	Tier 4 Interim	-	32	35	90	0.8	-	-	28	36	31	39	
1104D-44TG1~	Tier 3	-	57	63	90	0.8	-	-	50	63	55	69	
1104D-E44TG1~	Tier 3	-	65	72	90	0.8	-	-	60	75	66	83	
1204E-E44TAG1	Tier 4 Interim	-	69	76	87	0.8	-	-	55	68	60	75	
1104D-E44TAG1~	Tier 3	-	82	91	90	0.8	-	-	75	94	82	102	
1104D-E44TAG2~	Tier 3	-	100	111	90	0.8	-	-	90	113	100	125	
1204E-E44TTAG2	Tier 4 Interim	-	109	121	89	0.8	-	-	91	114	100	125	
1106D-E66TAG2~	Tier 3	-	137	154	92	0.8	-	-	125	156	140	175	
1106D-E66TAG3~	Tier 3	-	142	159	92	0.8	-	-	130	163	150	188	
1206E-E70TTAG3	Tier 4 Interim	-	152	169	92	0.8	-	-	135	169	150	188	
1106D-E66TAG4~	Tier 3	-	174	192	92	0.8	-	-	160	200	175	219	
1206E-E70TTAG4	Tier 4 Interim	-	197	219	92	0.8	-	-	180	225	200	250	
2206D-E13TAG2~	Tier 3	-	349	381	93	0.8	-	-	320	400	350	438	
2206D-E13TAG3~	Tier 3	-	381	435	93	0.8	-	-	350	438	400	500	
2506D-E15TAG1~	Tier 3	-	435	490	92	0.8	-	-	400	500	450	563	
2506C-E15TAG3~	Tier 2	-	495	543	92	0.8	-	-	455	569	500	625	
2506C-E15TAG4~	Tier 2	-	-	597	92	0.8	-	-	-	-	550	687	
2806C-E18TAG3~	Tier 2	-	592	652	92	0.8	-	-	545	681	600	750	■

*Available on application ~ Emergency Standby Power only

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

✧ Available as Electro Unit only

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