

Gen Set Power Selector Chart

Model offering for Unregulated Territories

2012 Issue 3

50Hz

Model	Net Engine Output			Typical Generating Set Output						1500/1800 rev/min switchable
	Baseload	Prime	Standby	Baseload		Prime		Standby		
	kWm	kWm	kWm	kWe	kVA	kWe	kVA	kWe	kVA	

3000 rev/min (8.3 kVA to 36 kVA)

402D-05G	-	7.7	8.5	-	-	6.6	8.3	7.3	9.1	
403D-07G	-	11.5	12.6	-	-	9.8	12.3	10.8	13.5	
403D-11G	-	17	18	-	-	14	18	16	20	
403D-15G	-	20	22	-	-	18	22	29	24	
404D-22G	-	30	33	-	-	27	33	29	36	

1500 rev/min (5.8 kVA to 2500 kVA)

403D-07G ⁺	-	5.4	6.0	-	-	4.7	5.8	5.1	6.4	
403A-11G1	-	8	9	-	-	7	9	8	10	
403A-15G1	-	12	13	-	-	10	13	11	15	
403A-15G2	-	14	15	-	-	12	15	13	17	+
404A-22G1	-	18	20	-	-	16	20	18	22	
404D-22TG	-	25	27	-	-	22	27	24	30	
1103A-33G	-	28	30	-	-	24	30	26	33	▪
1103A-33TG1	-	41	46	-	-	36	45	40	50	▪
1103A-33TG2	-	54	59	-	-	48	60	53	66	▪
1104A-44TG1	-	58	64	-	-	52	65	57	72	▪
1104A-44TG2	-	72	79	-	-	64	80	70	88	▪
1104C-44TAG1	-	72	79	-	-	64	80	70	88	▪
1006TG1A	-	83	92	-	-	72	90	80	100	
1104C-44TAG2	-	90	100	-	-	80	100	88	110	▪
1006TG2A	-	92	102	-	-	80	100	88	110	
1106A-70TAG1 [•]	-	117	129	-	-	108	135	120	150	
1006TAG	-	121	134	-	-	108	135	120	150	▪
1006TAG2	-	129	143	-	-	120	150	132	165	
1106A-70TAG2	-	130	144	-	-	120	150	132	165	
1106A-70TAG3	-	157	172	-	-	144	180	160	200	
1106C-E66TAG4	-	158	176	-	-	144	180	160	200	▪
1106A-70TAG4	-	174	191	-	-	160	200	176	220	
1306C-E87TAG3	164	180	199	151	189	160	200	180	225	▪
1306C-E87TAG4	179	198	217	165	205	180	225	200	250	▪
1306C-E87TAG6	198	217	239	182	228	200	250	220	275	
1606A-E93TAG4	-	239	261	-	-	220	275	240	300	▪
1606A-E93TAG5	-	261	287	-	-	240	300	264	330	▪
2206A-E13TAG2	-	305	349	-	-	280	350	320	400	▪
2206C-E13TAG2	-	305	349	-	-	280	350	320	400	▪
2206A-E13TAG3	-	349	392	-	-	320	400	360	450	▪
2206C-E13TAG3	-	349	392	-	-	320	400	360	450	▪
2506A-E15TAG1	-	396	434	-	-	364	455	400	500	▪
2506C-E15TAG1	-	396	434	-	-	364	455	400	500	▪
2506A-E15TAG2	-	435	478	-	-	400	500	440	550	▪
2506C-E15TAG2	-	435	478	-	-	400	500	440	550	▪
2806A-E18TAG1A	-	522	574	-	-	480	600	528	660	▪
2806C-E18TAG1A	-	522	574	-	-	480	600	528	660	▪
2806A-E18TAG2	-	565	609	-	-	520	650	560	700	▪
4006-23TAG2A	505	632	695	480	600	600	750	660	825	
4006-23TAG3A	540	679	760	512	640	640	800	720	900	
4008TAG	566	715	787	538	672	680	850	748	935	
4008TAG1A	606	767	844	576	720	720	900	800	1000	
4008TAG2A	681	861	947	647	809	800	1000	880	1100	
4012-46TAG0A	842	1053	1158	800	1000	1000	1250	1100	1375	
4012-46TWG2A	833	1055	1166	791	989	1000	1250	1108	1385	
4012-46TWG3A	909	1149	1263	864	1079	1080	1350	1200	1500	
4012-46TAG1A	909	1148	1263	864	1080	1080	1350	1200	1500	
4012-46TWG4A	-	1254	1342	-	-	1200	1500	1280	1600	
4012-46TAG2A	1005	1267	1395	955	1194	1200	1500	1320	1650	
4012-46TAG3A	1200	1440	1583	1140	1425	1368	1710	1500	1875	
4016-61TRG1 ⁺	1178	1558	1684	1120	1400	1480	1850	1600	2000	
4016TAG1A	1219	1537	1690	1170	1463	1480	1850	1600	2000	
4016-61TRG2 ⁺	1347	1684	1894	1280	1600	1600	2000	1800	2250	
4016TAG2A	1362	1715	1886	1307	1634	1600	2000	1800	2250	
4016-61TRG3 ⁺	1500	1875	2083	1440	1800	1800	2250	2000	2500	

50Hz

Model	Gross Engine Output		Typical Generating Set Output	
	Baseload		Baseload	
	kWm		kWe	kVA

Gas Power 1500 rev/min (307 kWe to 1000 kWe)

4006-23TRS1	322	307	384
4006-23TRS2	393	375	469
4008-30TRS1	447	425	531
4008-30TRS2	526	500	625
4016-61TRS1	912	875	1094
4016-61TRS2	1042	1000	1250

- Switchable engines must be requested at point of order, please consult with your local Perkins representative.
- + Can be switched from 1500rpm to 1800rpm.
- ⚡ Available as Electro Unit only.
- Engine not yet in production.

Notes:

- All ratings above 1 litre are rounded up and are for guidance only, please refer to the specific engine technical data sheet for final 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%.
- **Baseload Power** = Unlimited hours usage with an average load factor of 100% of the published Baseload Power. **Please note: no overload is permitted on 4000 Series.**
- **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.