Fuel optimised models

2022 Issue 1

# Generating set power selector

| 50 Hz 1500 rpm | | Net engine output | | | Typical generator set output | | | | | | 1500/1800 rpm switchable |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Litres | Model | Baseload | Prime | Standby | Baseload | | Prime | | Standby | | |
| | | kW | kW | kW | kWe | kVA | kWe | kVA | kWe | kVA | |
| 1.1 | 403A-11G1 | - | 8 | 9 | - | - | 7 | 9 | 8 | 10 | - |
| 1.5 | 403A-15G1 | - | 12 | 13 | - | - | 10 | 13 | 12 | 15 | - |
| | 403A-15G2 | - | 14 | 15 | - | - | 12 | 15 | 13 | 16 | - |
| 2.2 | 404A-22G1 | - | 18 | 20 | - | - | 16 | 20 | 18 | 22 | - |
| 3.3 | 1103A-33G | - | 28 | 30 | - | - | 24 | 30 | 26 | 33 | Y |
| | 1103A-33TG1 | - | 41 | 46 | - | - | 36 | 45 | 40 | 50 | Y |
| | 1103C-33TG2 | - | 41 | 46 | - | - | 37 | 46 | 41 | 51 | - |
| | 1103A-33TG2 | - | 54 | 59 | - | - | 48 | 60 | 53 | 66 | Y |
| 4.4 | 1104C-44TG2 | - | 54 | 59 | - | - | 48 | 60 | 53 | 67 | Y |
| | 1104C-44TG3 | - | 54 | 59 | - | - | 48 | 60 | 53 | 67 | - |
| | 1104A-44TG1 | - | 58 | 64 | - | - | 52 | 65 | 57 | 72 | Y |
| | 1104C-44TAG1 | - | 72 | 79 | - | - | 64 | 80 | 71 | 89 | Y |
| | 1104A-44TG2 | - | 72 | 79 | - | - | 64 | 80 | 70 | 88 | Y |
| | 1104C-44TAG2 | - | 90 | 100 | - | - | 81 | 101 | 90 | 112 | Y |
| 7.0 | 1106A-70TG1 | - | 118 | 131 | - | - | 108 | 135 | 120 | 150 | - |
| | 1106A-70TAG2 | - | 131 | 144 | - | - | 120 | 150 | 132 | 165 | Y |
| | 1106A-70TAG3 | - | 158 | 175 | - | - | 144 | 180 | 160 | 200 | Y |
| | 1106A-70TAG4 | - | 174 | 191 | - | - | 160 | 200 | 176 | 220 | - |
| | 1206A-E70TTAG1 | - | 177 | 196 | - | - | 160 | 200 | 176 | 225 | Y |
| | 1206A-E70TTAG2 | - | 196 | 218 | - | - | 184 | 225 | 200 | 250 | Y |
| | 1206A-E70TTAG3 | - | 218 | 240 | - | - | 200 | 250 | 220 | 275 | Y |
| 8.8 | 1506A-E88TAG1 | - | 180 | 198 | - | - | 166 | 207 | 182 | 228 | Y |
| | 1506A-E88TAG2 | - | 201 | 223 | - | - | 185 | 231 | 206 | 257 | Y |
| | 1506C-E88TAG2 | - | 201 | 223 | - | - | 185 | 231 | 206 | 257 | - |
| | 1506A-E88TAG3 | - | 223 | 245 | - | - | 206 | 257 | 226 | 282 | Y |
| | 1506C-E88TAG3 | - | 223 | 245 | - | - | 206 | 257 | 226 | 282 | - |
| | 1506A-E88TAG4 | - | 245 | 268 | - | - | 226 | 282 | 246 | 308 | Y |
| | 1506A-E88TAG5 | - | 268 | 293 | - | - | 246 | 308 | 270 | 337 | Y |
| 9.3 | 1706A-E93TAG1 | - | 267 | 295 | - | - | 246 | 307 | 271 | 339 | Y |
| | 1706A-E93TAG2 | - | 302 | 334 | - | - | 278 | 348 | 307 | 384 | Y |
| 12.5 | 2206A-E13TAG2 | - | 305 | 349 | - | - | 280 | 350 | 320 | 400 | Y |
| 15.2 | 2506A-E15TAG1 | - | 396 | 434 | - | - | 364 | 455 | 400 | 500 | Y |
| | 2506A-E15TAG2 | - | 435 | 478 | - | - | 400 | 500 | 440 | 550 | Y |
| 18.1 | 2806A-E18TAG1A | - | 522 | 574 | - | - | 480 | 600 | 528 | 660 | Y |
| | 2806A-E18TAG2 | - | 565 | 609 | - | - | 520 | 650 | 560 | 700 | Y |
| | 2806A-E18TTAG4 | - | 595 | 657 | - | - | 565 | 706 | 624 | 780 | Y |
| | 2806A-E18TTAG5 | - | 648 | 716 | - | - | 616 | 770 | 680 | 850 | Y |
| 23.0 | 4006-23TAG2A | 501 | 628 | 691 | 476 | 595 | 597 | 746 | 656 | 821 | Y |
| | 4006-23TAG3A | 536 | 675 | 756 | 509 | 637 | 641 | 802 | 718 | 898 | - |
| 30.0 | 4008-30TAG1 | 632 | 758 | 842 | 600 | 750 | 720 | 900 | 800 | 1000 | - |
| | 4008TAG1A | 606 | 767 | 844 | 576 | 720 | 728 | 911 | 802 | 1002 | - |
| | 4008-30TAG2 | 674 | 851 | 947 | 640 | 800 | 808 | 1010 | 900 | 1125 | - |
| | 4008TAG2A | 681 | 861 | 947 | 647 | 809 | 818 | 1022 | 900 | 1125 | - |
| | 4008-30TAG3 | 800 | 947 | 1055 | 760 | 950 | 900 | 1125 | 1000 | 1250 | - |
| 46.0 | 4012-46TAG0A | 842 | 1053 | 1158 | 800 | 1000 | 1000 | 1250 | 1100 | 1375 | - |
| | 4012-46TWG2A | 833 | 1055 | 1166 | 791 | 989 | 1002 | 1253 | 1108 | 1385 | Y |
| | 4012-46TAG1A | 909 | 1148 | 1263 | 864 | 1079 | 1091 | 1363 | 1200 | 1500 | - |
| | 4012-46TWG3A | 909 | 1149 | 1263 | 864 | 1079 | 1092 | 1364 | 1200 | 1500 | - |
| | 4012-46TWG4A | - | 1254 | 1342 | - | - | 1200 | 1500 | 1280 | 1600 | - |
| | 4012-46TAG2A | 1005 | 1267 | 1395 | 955 | 1193 | 1204 | 1505 | 1325 | 1657 | Y |
| | 4012-46TAG3A | 1005 | 1267 | 1395 | 955 | 1193 | 1204 | 1505 | 1325 | 1657 | - |
| 61.0 | 4016TAG1A | 1219 | 1537 | 1690 | 1170 | 1463 | 1476 | 1844 | 1622 | 2028 | - |
| | 4016-61TRG1 | 1179 | 1558 | 1648 | 1120 | 1400 | 1480 | 1850 | 1600 | 2000 | - |
| | 4016-61TRG2 | 1347 | 1684 | 1895 | 1280 | 1600 | 1600 | 2000 | 1800 | 2250 | - |
| | 4016TAG2A | 1362 | 1715 | 1886 | 1307 | 1634 | 1646 | 2058 | 1811 | 2263 | - |
| | 4016-61TRG3 | 1500 | 1875 | 2083 | 1440 | 1800 | 1800 | 2250 | 2000 | 2500 | - |

**Notes:**

- All ratings are rounded to the nearest whole number and are for guidance only. Please refer to the technical data 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.
- Switchable engines must be requested at point of order, please consult with your local Perkins representative.
- Perkins conditions of sale apply.
- All ratings data based on operation under ISO 8528-1, ISO 3046 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% is permitted for 1 hour in every 12 hours of operation, with the exception of 4000 Series where no overload is permitted.
- Prime power = power available at variable load in lieu of main power network (please refer to the engine technical data sheets for specific load factor). An overload of 10% is permitted for 1 hour in every 12 hours of operation.
- Standby power = power available at variable load in the event of a main power network (please refer to the engine technical data sheets for specific load factor) failure up to a maximum of 500 hours per year. No overload is permitted.


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Perkins®

THE HEART OF EVERY GREAT MACHINE

Fuel optimised models

2022 Issue 1

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| 60 Hz 1800 rpm | | Net engine output | | | Typical generator set output | | | | | | 1500/1800 rpm switchable |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Litres | Model | Baseload | Prime | Standby | Baseload | | Prime | | Standby | | |
| | | kW | kW | kW | kWe | kVA | kWe | kVA | kWe | kVA | |
| 3.3 | 1103A-33G | - | 32 | 35 | - | - | 28 | 35 | 31 | 38 | Y |
| | 1103A-33TG1 | - | 49 | 54 | - | - | 43 | 53 | 47 | 59 | Y |
| | 1103A-33TG2 | - | 61 | 68 | - | - | 55 | 68 | 60 | 75 | Y |
| 4.4 | 1104A-44TG1 | - | 69 | 76 | - | - | 61 | 76 | 67 | 84 | Y |
| | 1104A-44TG2 | - | 82 | 90 | - | - | 73 | 91 | 80 | 100 | Y |
| 7.0 | 1106A-70TG1 | - | 134 | 148 | - | - | 122 | 152 | 135 | 169 | - |
| | 1106A-70TAG2 | - | 147 | 164 | - | - | 135 | 169 | 150 | 188 | Y |
| | 1106A-70TAG3 | - | 173 | 192 | - | - | 158 | 197 | 175 | 219 | Y |
| | 1206A-E70TTAG1 | - | 202 | 224 | - | - | 180 | 225 | 200 | 250 | Y |
| 8.8 | 1506A-E88TAG1 | - | 216 | 237 | - | - | 198 | 248 | 218 | 271 | Y |
| | 1506A-E88TAG3 | - | 252 | 279 | - | - | 232 | 290 | 256 | 320 | Y |
| | 1506A-E88TAG5 | - | 306 | 339 | - | - | 282 | 352 | 312 | 389 | Y |
| 9.3 | 1706A-E93TAG1 | - | 311 | 343 | - | - | 286 | 357 | 316 | 395 | Y |
| 12.5 | 2206A-E13TAG5 | - | 349 | 381 | - | - | 320 | 400 | 350 | 438 | Y |
| | 2206A-E13TAG6 | - | 381 | 435 | - | - | 350 | 438 | 400 | 500 | Y |
| 15.2 | 2506A-E15TAG3 | - | 446 | 490 | - | - | 410 | 513 | 450 | 563 | Y |
| | 2506A-E15TAG4 | - | 495 | 543 | - | - | 455 | 569 | 500 | 624 | Y |
| 18.1 | 2806A-E18TAG3 | - | 592 | 652 | - | - | 545 | 681 | 600 | 750 | Y |
| | 2806A-E18TTAG6 | - | 685 | 754 | - | - | 650 | 813 | 716 | 895 | - |
| | 2806A-E18TTAG7 | - | 716 | 790 | - | - | 680 | 850 | 750 | 938 | - |
| 23.0 | 4006-23TAG2A | 511 | 638 | 702 | 480 | 600 | 600 | 750 | 660 | 825 | Y |
| | 4006-23TAG3A | 570 | 715 | 795 | 542 | 677 | 679 | 849 | 755 | 944 | - |
| | 4006-23TAG4 | 607 | 761 | 842 | 572 | 714 | 722 | 900 | 800 | 1000 | - |
| 30.0 | 4008TAG1 | 610 | 763 | 843 | 555 | 694 | 707 | 884 | 780 | 975 | - |
| | 4008TAG2 | 687 | 842 | 948 | 626 | 743 | 796 | 995 | 878 | 1097 | Y |
| 46.0 | 4012-46TWG2A | 833 | 1055 | 1166 | 791 | 989 | 1002 | 1253 | 1108 | 1385 | Y |
| | 4012-46TWG3A | 909 | 1149 | 1263 | 864 | 1079 | 1092 | 1364 | 1200 | 1500 | - |
| | 4012-46TAG1A | 914 | 1153 | 1267 | 868 | 1085 | 1095 | 1369 | 1204 | 1505 | - |
| | 4012-46TWG4A | - | 1254 | 1342 | - | - | 1200 | 1500 | 1325 | 1656 | - |
| | 4012-46TAG2A | 993 | 1272 | 1399 | 943 | 1179 | 1208 | 1511 | 1239 | 1661 | Y |
| | 4012-46TAG3A | 1200 | 1440 | 1583 | 1140 | 1425 | 1368 | 1710 | 1504 | 1880 | - |

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