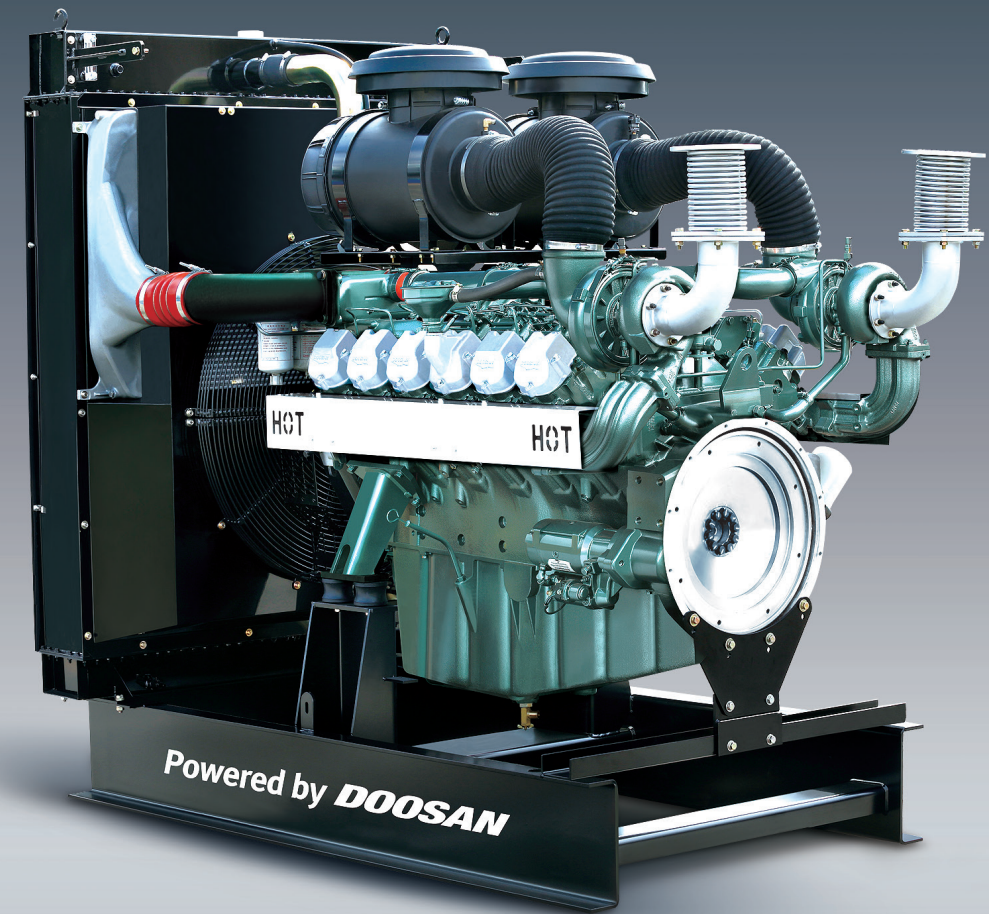


# Doosan DP Engine series for G-Drive

77~828kW



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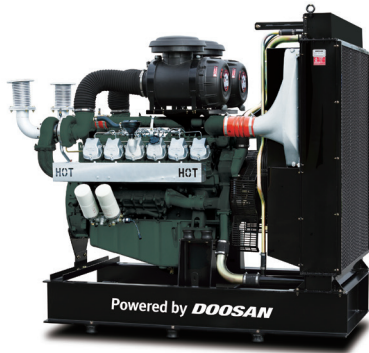


Doosan DP Engine series for G-Drive

Doosan Infracore started making Korea’s first diesel engines in 1958 and has been expanding its business ever since. Today Doosan Infracore supplies global customers with diesel and CNG engines for commercial vehicles, industrial machinery, generator sets and marine. Now, Doosan Infracore introduces new engines for generator sets; The “DP Series”.

What is the DP Series?

The DP Series is the Doosan Infracore’s new engines for generator sets offering power range between 86 to 828 kW. The DP Series is the result of Doosan’s ceaseless efforts to satisfy customer’s needs for the best engine.

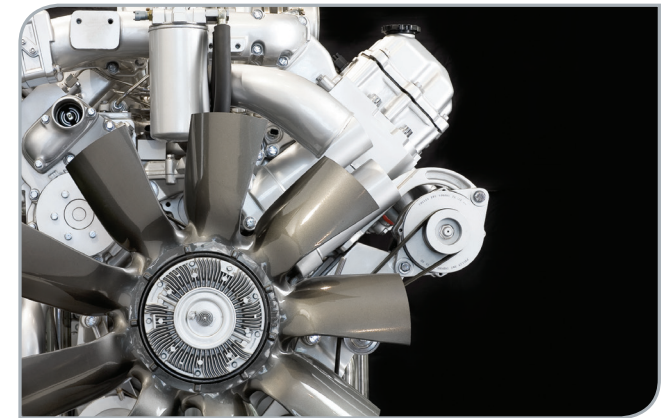


Easy Maintenance and High Performance

With Doosan’s over 50 years of engineering expertise, the new DP Series offers higher power density than previous model but in a smaller size while maintaining mechanical type that helps customers manage engines more easily and conveniently. As a further feature, DP Series delivers high durability with the use of reinforced key engine parts.

For User’s Convenience – High Fuel Efficiency and Easy Installation

The DP Series are designed primarily to meet customer’s convenience needs. To achieve this, the DP Series delivers high fuel efficiency and easy installation. The DP Series with good fuel economy will help customers save total cost ownership. Customers benefit from the re-designed appearances and smaller engines with high power density which all contributed to easy installation. Customers can move the engines more easily than before and avoid interference with tools during installation work. And most importantly, a larger space in a generator sets is secured which allows OEM easier and flexible installation.



50Hz, 1500 rev/min

| Model      | Type        |            | Displacement<br>(Liter) | Engine Output |          | Typical Generator Output |     |          |     |
|------------|-------------|------------|-------------------------|---------------|----------|--------------------------|-----|----------|-----|
|            | No. of Cyl. | Aspiration |                         | Prime         | Stand-by | Prime                    |     | Stand-by |     |
|            |             |            |                         | kWm           | kWm      | kWe                      | kVA | kWe      | kVA |
| DP066TA    | L6          | TC         | 5.8                     | 77            | 85       | 65                       | 82  | 73       | 91  |
| DP066LA    | L6          | TI         | 5.8                     | 104           | 115      | 92                       | 114 | 102      | 128 |
| DP086TA    | L6          | TC         | 8.1                     | 137           | 152      | 123                      | 153 | 137      | 171 |
| P086TI     | L6          | TI         | 8.1                     | 177           | 199      | 160                      | 200 | 180      | 225 |
| DP086LA    | L6          | TI         | 8.1                     | 201           | 224      | 183                      | 228 | 203      | 254 |
| P126TI     | L6          | TI         | 11.1                    | 241           | 272      | 219                      | 274 | 248      | 310 |
| P126TI- II | L6          | TI         | 11.1                    | 265           | 294      | 243                      | 304 | 270      | 338 |
| P158FE     | V8          | TI         | 14.6                    | 402           | 441      | 363                      | 454 | 400      | 499 |
| P158LE-1   | V8          | TI         | 14.6                    | 327           | 362      | 292                      | 365 | 325      | 406 |
| P158LE     | V8          | TI         | 14.6                    | 363           | 414      | 326                      | 408 | 374      | 468 |
| DP158LC    | V8          | TI         | 14.6                    | 408           | 449      | 368                      | 461 | 407      | 509 |
| DP158LD    | V8          | TI         | 14.6                    | 464           | 510      | 421                      | 526 | 464      | 580 |
| P180FE     | V10         | TI         | 18.3                    | 452           | 496      | 410                      | 512 | 451      | 564 |
| DP180LA    | V10         | TI         | 18.3                    | 502           | 552      | 457                      | 571 | 504      | 630 |
| DP180LB    | V10         | TI         | 18.3                    | 556           | 612      | 508                      | 635 | 560      | 700 |
| P222FE     | V12         | TI         | 21.9                    | 569           | 612      | 513                      | 642 | 554      | 692 |
| DP222LA    | V12         | TI         | 21.9                    | 60Hz Only     |          |                          |     |          |     |
| DP222LB    | V12         | TI         | 21.9                    | 604           | 664      | 545                      | 682 | 602      | 752 |
| DP222LC    | V12         | TI         | 21.9                    | 657           | 723      | 595                      | 744 | 657      | 821 |

60Hz, 1800 rev/min

| Model      | Type        |            | Displacement<br>(Liter) | Engine Output |          | Typical Generator Output |     |          |     |
|------------|-------------|------------|-------------------------|---------------|----------|--------------------------|-----|----------|-----|
|            | No. of Cyl. | Aspiration |                         | Prime         | Stand-by | Prime                    |     | Stand-by |     |
|            |             |            |                         | kWm           | kWm      | kWe                      | kVA | kWe      | kVA |
| DP066TA    | L6          | TC         | 5.8                     | 108           | 120      | 91                       | 114 | 102      | 127 |
| DP066LA    | L6          | TI         | 5.8                     | 122           | 135      | 105                      | 132 | 118      | 147 |
| DP086TA    | L6          | TC         | 8.1                     | 168           | 187      | 149                      | 186 | 166      | 208 |
| P086TI     | L6          | TI         | 8.1                     | 205           | 223      | 183                      | 229 | 200      | 250 |
| DP086LA    | L6          | TI         | 8.1                     | 228           | 253      | 204                      | 255 | 228      | 285 |
| P126TI     | L6          | TI         | 11.1                    | 278           | 298      | 250                      | 313 | 268      | 335 |
| P126TI- II | L6          | TI         | 11.1                    | 307           | 342      | 278                      | 348 | 311      | 389 |
| P158FE     | V8          | TI         | 14.6                    | 441           | 492      | 392                      | 490 | 440      | 550 |
| P158LE-1   | V8          | TI         | 14.6                    | 366           | 402      | 321                      | 401 | 355      | 444 |
| P158LE     | V8          | TI         | 14.6                    | 402           | 458      | 355                      | 444 | 408      | 510 |
| DP158LC    | V8          | TI         | 14.6                    | 466           | 513      | 415                      | 519 | 460      | 575 |
| DP158LD    | V8          | TI         | 14.6                    | 505           | 556      | 452                      | 565 | 500      | 625 |
| P180FE     | V10         | TI         | 18.3                    | 515           | 566      | 462                      | 577 | 509      | 637 |
| DP180LA    | V10         | TI         | 18.3                    | 559           | 615      | 503                      | 629 | 556      | 694 |
| DP180LB    | V10         | TI         | 18.3                    | 601           | 661      | 542                      | 678 | 599      | 748 |
| P222FE     | V12         | TI         | 21.9                    | 659           | 711      | 584                      | 730 | 633      | 791 |
| DP222LA    | V12         | TI         | 21.9                    | 670           | 737      | 594                      | 743 | 657      | 821 |
| DP222LB    | V12         | TI         | 21.9                    | 711           | 782      | 635                      | 793 | 701      | 877 |
| DP222LC    | V12         | TI         | 21.9                    | 753           | 828      | 674                      | 842 | 744      | 931 |