

INTRODUCING

**India's first Smart Genset series with  
free 5 years warranty\* on complete genset  
5 kVA to 1250 kVA**



Free 5 years warranty across 10 kVA to 500 kVA  
Free 5 years 5C warranty across 5 kVA to 1250 kVA



## Smart Power Solution for the Genius Generation

Greaves Power presents the Smart Series Gensets with futuristic features like a Remote Monitoring System (RMS) with exhaustive usage data logging through rapid data transmission for monitoring various parameters such as - power generated, battery voltage, run hours, fuel level and more. Now you can prevent data loss, get accurate failure analytics, increased Genset life with predictive maintenance, and increased Genset uptime. Simply log on to **Greaves1 app or web application** and view generator parameters, create reports - anywhere - and any time.



| Sr. No. | Genset rated - kVA →                                                        | 5                  | 7.5                | 10                 | 15                 | 20                 | 25                 | 30                 | 40                 | 45X                | 45                 | 50                 | 62.5               | 75                 | 82.5               | 100                | 125                | 160                | 180                | 200                | 250                | 320                | 400                | 500                | 1010               | 1250               |
|---------|-----------------------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| A       | Genset specification ↓                                                      |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Genset rating                                                               | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              | Prime              |
| 2       | Genset output (kVA/kWe)                                                     | 5 / 4              | 7.5 / 6            | 10 / 8             | 15 / 12            | 20 / 16            | 25 / 20            | 30 / 24            | 40 / 32            | 45 / 36            | 45 / 36            | 50 / 40            | 62.5 / 50          | 75 / 60            | 82.5 / 66          | 100 / 80           | 125 / 100          | 160 / 128          | 180 / 144          | 200 / 160          | 250 / 200          | 320 / 256          | 400 / 320          | 500 / 400          | 1010 / 808         | 1250 / 1000        |
| 3       | Genset model                                                                | GPAII-5E           | GPWII-7.5          | GPWII-PII-10E      | GPWII-PII-15X      | GPWII-PII-20X      | GPWII-PII-25E      | GPWII-PII-30X      | GPWII-PII-40X      | GPWII-PII-45X      | GPWII-PII-45B      | GPWII-PII-50       | GPWII-PII-62.5     | GPWII-PII-75       | GPWII-PII-82.5     | GPWII-PII-100E     | GPWII-PII-125E     | GPWII-PII-160E     | GPWII-PII-180      | GPWII-PII-200      | GPWII-PII-250E     | GPWII-PII-320E     | GPWII-400          | GPWII-500          | GPW-1010           | GPW - 1250         |
| 4       | Gross engine power (kWm)                                                    | 6.1                | 8                  | 13.2               | 15.9               | 18.5               | 25.5               | 31.2               | 42.8               | 42.8               | 59                 | 59                 | 74.5               | 74.5               | 93                 | 114                | 144.5              | 178.8              | 178.8              | 227                | 284                | 444                | 444                | 880                | 880                | 1100               |
| 5       | Engine model                                                                | LDA 510 1B1        | G 600 W            | G12 - II           | G15 - II           | G20 - II           | G25 - II           | G30 - II           | G40 - II           | G40 -II            | 3G11TAG25          | 3G11TAG25          | 3G11TAG25          | 3G11TAG26          | 3G11TAG26          | 4G11TAG25          | 4G11TAG26          | 6G11TAG26          | 6G11TAG29          | 6G11TAG29          | D3V6TAG21          | D3V8TAG21          | 12V14TAG23         | 12V14TAG23         | GPW - 1010         | GPW - 1250         |
| 6       | Aspiration / Cooling                                                        | Air cooled         | Water cooled       | Water cooled       | Water cooled       | Water cooled       | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               | TCAC               |
| 7       | No. of cylinders / arrangement                                              | 1                  | 1                  | 2/inline           | 2/inline           | 3 / inline         | 3 / inline         | 3 / inline         | 4 / inline         | 4 / inline         | 3 / inline         | 3 / inline         | 3 / inline         | 3 / inline         | 3 / inline         | 4 / inline         | 4 / inline         | 6 / inline         | 6 / inline         | 6 / inline         | 6 / Vee            | 8 / Vee            | 12 / Vee           | 12 / Vee           | 12 / Vee           | 12 / Vee           |
| 8       | Displacement (L)                                                            | 0.51               | 0.612              | 1.43               | 1.56               | 2.14               | 2.14               | 2.14               | 2.86               | 2.86               | 3.66               | 3.66               | 3.66               | 3.66               | 3.66               | 4.87               | 4.87               | 7.31               | 7.31               | 7.31               | 10.04              | 13.38              | 16.38              | 16.38              | 31.8               | 39.2               |
| 9       | Bore x Stroke (mm)                                                          | 85 X 90            | 92 X 92            | 91 X 110           | 95 X 110           | 91 X 110           | 91 X 110           | 91 X 110           | 91 X 110           | 91 X 110           | 108 X 133          | 108 X 133          | 108 X 133          | 108 X 133          | 108 X 133          | 108 X 133          | 108 X 133          | 108 X 133          | 108 X 133          | 108 X 133          | 128 X 130          | 128 X 130          | 115 X 135          | 115 X 135          | 150 X 150          | 150 X 185          |
| 10      | Compression ratio                                                           | 18.1               | 18.1               | 17.5               | 17.5               | 17.5               | 17.5               | 17.5               | 17.5               | 17.5               | 17.2               | 17.2               | 17.2               | 17.2               | 17.2               | 17.2               | 17.2               | 17.2               | 17.2               | 17.2               | 16.8               | 16.8               | 17                 | 17                 | 15.7               | 15                 |
| 11      | Rated RPM                                                                   | 3000               | 3000               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               |
| 12      | Governor type / Class                                                       | Mech / G2          | Mech / G2          | Mech / G2          | Mech / G2          | Mech / G2          | Mech / G2          | Mech / G2          | Mech / G2          | Mech / G2          | Mech / G2**        | Mech / G2**        | Mech / G2**        | Mech / G2**        | Mech / G2**        | Mech / G2**        | Mech / G2**        | Mech / G2**        | Mech / G2**        | Mech / G2**        | Elec / G3          | Elec / G3          | Elec / G3          | Elec / G3          | Elec / G3          | Elec / G3          |
| 13      | Frequency regulation                                                        | -                  | -                  | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        | Isochronous        |
| 14      | Air cleaner type / qty                                                      | Oil bath / 01      | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 01           | Dry / 02           | Dry / 02           | Dry / 02           | Dry / 02           |
| B       | Exhaust system                                                              |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Max allowable backpressure (kPa)                                            | 4.5                | 7.2                | 4                  | 4                  | 4                  | 5.5                | 5.5                | 6                  | 6                  | 4.5                | 4.5                | 4.5                | 4.5                | 4.5                | 4.5                | 4.5                | 5.5                | 5.5                | 5.5                | 4.5                | 4.5                | 7                  | 7                  | 7.5                | 7                  |
| 2       | Exhaust temperature ( Deg C)                                                | 550                | 550                | 550                | 550                | 550                | 550                | 550                | 550                | 550                | 550                | 550                | 550                | 525                | 525                | 500                | 525                | 525                | 550                | 550                | 550                | 550                | 550                | 550                | 550                | 550                |
| 3       | Silencer type                                                               | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        | Residential        |
| C       | Engine electrical system                                                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Charging alternator VDC / Amps                                              | -                  | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 12 V / 35 A        | 24 V / 30 A        | 24 V / 30 A        | 24 V / 44 A        | 24 V / 44 A        | 24 V / 55 A        | 24 V / 44 A        |
| 2       | Starter motor rated voltage (DC)                                            | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 12                 | 24                 | 24                 | 24                 | 24                 | 24                 | 24                 |
| 3       | Battery voltage (DC) / Capacity (AH)                                        | 12V / 35 AH        | 12V / 65 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 88 AH        | 12V / 130 AH       | 12V / 130 AH       | 12V / 130 AH       | 24 V / 180 AH X 2  | 24 V / 180 AH X 2  | 24 V / 180 AH X 2  | 24 V / 180 AH X 2  | 24 V / 180 AH X 2  | 24 V / 200 AH X 2  |
| D       | Fuel System                                                                 |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Fuel tank capacity (L)                                                      | 15                 | 55                 | 40                 | 40                 | 60                 | 60                 | 60                 | 100                | 100                | 100                | 150                | 150                | 200                | 200                | 350                | 350                | 360                | 400                | 400                | 650                | 810                | 990                | 990                | 990                | 990                |
| E       | Fuel consumption @ % load (LPH)(Including radiator fan + other accessories) |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | LPH @ 100%                                                                  | 1.6                | 2.68               | 3                  | 4.05               | 5.22               | 6.52               | 7.92               | 9.3                | 11.1               | 10.7               | 12.06              | 14.9               | 17.5               | 19.1               | 24                 | 30.47              | 38.5               | 41.86              | 46.1               | 58.38              | 76.79              | 89.45              | 111.64             | 199                | 252                |
| 2       | LPH @ 75%                                                                   | 1.2                | 2.3                | 2.3                | 3.06               | 3.8                | 5.25               | 6.3                | 7.4                | 8.9                | 8.6                | 9.2                | 11.32              | 13.18              | 14.3               | 17.94              | 22.38              | 28.36              | 32                 | 35.12              | 46.72              | 59.72              | 70.62              | 85.48              | 153                | 188                |
| F       | Lubricating Oil System                                                      |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Lube oil sump capacity (L)                                                  | 1.25               | 1.75               | 5.5                | 5.5                | 6.5                | 6.5                | 6.5                | 8.5                | 8.5                | 8.5                | 7.6                | 7.6                | 7.6                | 7.6                | 10                 | 10                 | 17.5               | 17.5               | 17.5               | 27.5               | 40                 | 50                 | 50                 | 109                | 155                |
| 2       | Lube oil change period (Hrs)                                                | 300                | 300                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                | 500                |
| 3       | Lube oil consumption (% of SFC)                                             | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.1%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              | ≤0.2%              |
| 4       | Lube oil filter type / qty                                                  | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 01       | Spin on / 02       | Spin on / 02       | Spin on / 02       | Spin on / 02       | Spin on / 02       | Spin on / 02       |
| G       | Alternator Specification                                                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Alternator Make                                                             | NSM                | NSM                | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | LS                 | MECCALTE           | MECCALTE           | MECCALTE           | MECCALTE           | LS                 | LS                 | LS                 | LS                 |
| 2       | Voltage (1P /3P)                                                            | 230 / 415          | 230 / 415          | 230 / 415          | 230 / 415          | 230 / 415          | 230 / 415          | 230 / 415          | 230 / 415          | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                | 415                |
| 3       | Frequency (Hz)                                                              | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 | 50                 |
| 4       | Current (1P / 3P) (Amps)                                                    | 21.79/6.96         | 32.6/10.43         | 43.47/13.91        | 65.21/20.86        | 86.95/27.82        | 108.69/34.78       | 130.43/41.73       | 173.91/55.64       | 62.6               | 62.6               | 69.56              | 86.95              | 104.34             | 114.77             | 139.12             | 173.9              | 222.59             | 250.41             | 278.24             | 347.8              | 445.18             | 556.48             | 695.6              | 1406               | 1740               |
| 5       | Type                                                                        | 2P, rotating field | 2P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field | 4P, rotating field |
| 6       | Voltage regulator                                                           | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          | Automatic          |
| 7       | Voltage regulation -%                                                       | ±5%                | ±5%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                | ±1%                |
| 8       | Insulation class                                                            | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  | H                  |
| 9       | Temperature rise ( Deg C)                                                   | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                | 125                |
| 10      | Bearing (qty / type)                                                        | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          | 1, sealed          |
| H       | Cooling System                                                              |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Coolant capacity (Eng+Rad) (L)                                              | NA                 | 4                  | 7.5                | 7.5                | 11.5               | 12.5               | 12.5               | 14                 | 14                 | 15                 | 20                 | 20                 | 20                 | 20                 | 25                 | 40                 | 35                 | 35                 | 35                 | 45                 | 110                | 120                | 120                | 200                | 200                |
| I       | Controller                                                                  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | Controller Model No                                                         | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 4522           | DSE 6120           | DSE 6120           | DSE 6120           | DSE 6120           | DSE 6120           | DSE 6120           | DSE 6120           | DSE 7320           | DSE 7320           |
| J       | Genset Outer Dimensions                                                     |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 1       | L (mm)                                                                      | 1110               | 1600               | 1420               | 1420               | 1650               | 1650               | 1650               | 1890               | 1890               | 2500               | 2500               | 2500               | 2800               | 2800               | 3000               | 3000               | 3800               | 4000               | 4000               | 4500               | 5000               | 5600               | 5600               | 7400               | 6500               |
|         | W (mm)                                                                      | 730                | 800                | 930                | 930                | 930                | 930                | 930                | 930                | 930                | 1150               | 1150               | 1150               | 1150               | 1150               | 1350               | 1350               | 1350               | 1600               | 1600               | 1800               | 2000               | 2000               | 2000               | 2416               | 2600               |
|         | H (mm)                                                                      | 750                | 1050               | 1242               | 1242               | 1242               | 1242               | 1242               | 1320               | 1320               | 1535               | 1535               | 1535               | 1540               | 1540               | 1885               | 1885               | 1900               | 1900               | 1900               | 2070               | 2165               | 2300               | 2300               | 3913               | 3613               |
| 2       | Dry Weight (Approx.) - KG                                                   | 300                | 400                | 595                | 660                | 810                | 860                | 945                | 1260               | 1490               | 1210               | 1210               | 1230               | 1270               | 1270               | 1600               | 1800               | 2150               | 2295               | 2300               | 4050               | 4300               | 5490               | 5610               | 11500              | 11000              |

1. **Ref :** \* Genset can also be used for PF = 1    \*\*Class G3 governing available on request
2. **PRIME POWER RATING as per ISO 8528:** Prime power ratings apply to installations where utility power is unavailable or unreliable. At varying load, the number of generator set operating hours is unlimited with average loading of 75% of rated load. A 10% overload capacity is available for one hour in twelve.
3. Specific fuel consumption is based on HSD complying to IS 1460 and tolerances with respect to ISO 3046 and ISO 8528.

# Greaves Factory Built DG Sets

- Compact footprint
- Low noise level
- Economical operation
- Environment friendly
- Extensive services & parts network



## Engine

- Greaves-make engines
- Rated at 1500 RPM speed
- GCL 5 kVA & 7.5 kVA engines are 3000 RPM engines
- 5 kVA Genset comes with air cooling. 7.5 kVA and above come with water cooling
- A2 and better engine governing class with Mechanical Governor
- G2 and better DG performance class
- Fuel and lube oil filters
- Dry type air cleaner with vacuum indicator
- 5 kVA is oil bath type air cleaner
- In-built battery charger
- Suitable electric starting system

## Recommended oil & fuel

- Recommended fuel IS 1460, HSD
- Recommended lube oil Greaves

## Control Panel

- Suitable circuit breaker
- Controller with multi-feature display
- Load ON and DG set running indication lamps
- Aluminium conductor cables between alternator and control panel
- Uninywin cables between alternator and switchgear

## Digital DG Set Controller

- AMF enabled controller
- Digital controller with soft buttons for operations
- Automatically transfers between mains (utility) and generator for convenience
- Hours counter provides accurate information for monitoring and maintenance periods
- User-friendly set-up and button layout for ease of use
- Multiple parameters are monitored & displayed simultaneously for full visibility
- The module can be configured to suit a wide range of applications for user flexibility
- PLC editor allows user configurable functions to meet user specific application requirements
- Synchronising controller (optional)

## Features

- Remote monitoring
- Remote start
- Compact and microprocessor based fully configurable control unit
- Graphic display
- Unique integrated DG set controller
- Incorporates both engine and alternator parameters in a single console

## Alternator

- Offering advance technology for alternator
- Brushless type
- IP 23 protection with class 'H' insulation & temperature limited to class 'H' insulation
- Permissible overload of 10% for one hour in hours of operation of alternator
- Automatic Voltage Regulator
- Digital Voltage Regulator (optional)
- 25% unbalance load capability
- 5 kVA is of conical shaft coupling
- Fixed disk closed coupling



## Features Displayed

- Engine oil pressure
- Coolant temperature
- Fuel level indicator (%)
- Engine RPM
- DG set running hours
- Battery voltage
- Voltage
- Phase to neutral voltage
- Phase to phase voltage
- Current (amps)
- Power factor
- kWh
- kW

## Audio Visual Warning

- Low oil pressure
- High coolant temperature
- Low battery voltage
- Low fuel level

## Mounting Arrangement

- Engine and Alternator are mounted on rigid base frame. Also, AVM pads are placed between base frame and engine alternator assembly to restrict vibrations.
- Fuel tank is at base of canopy
- Stand alone day tank is available as optional

## Silencer

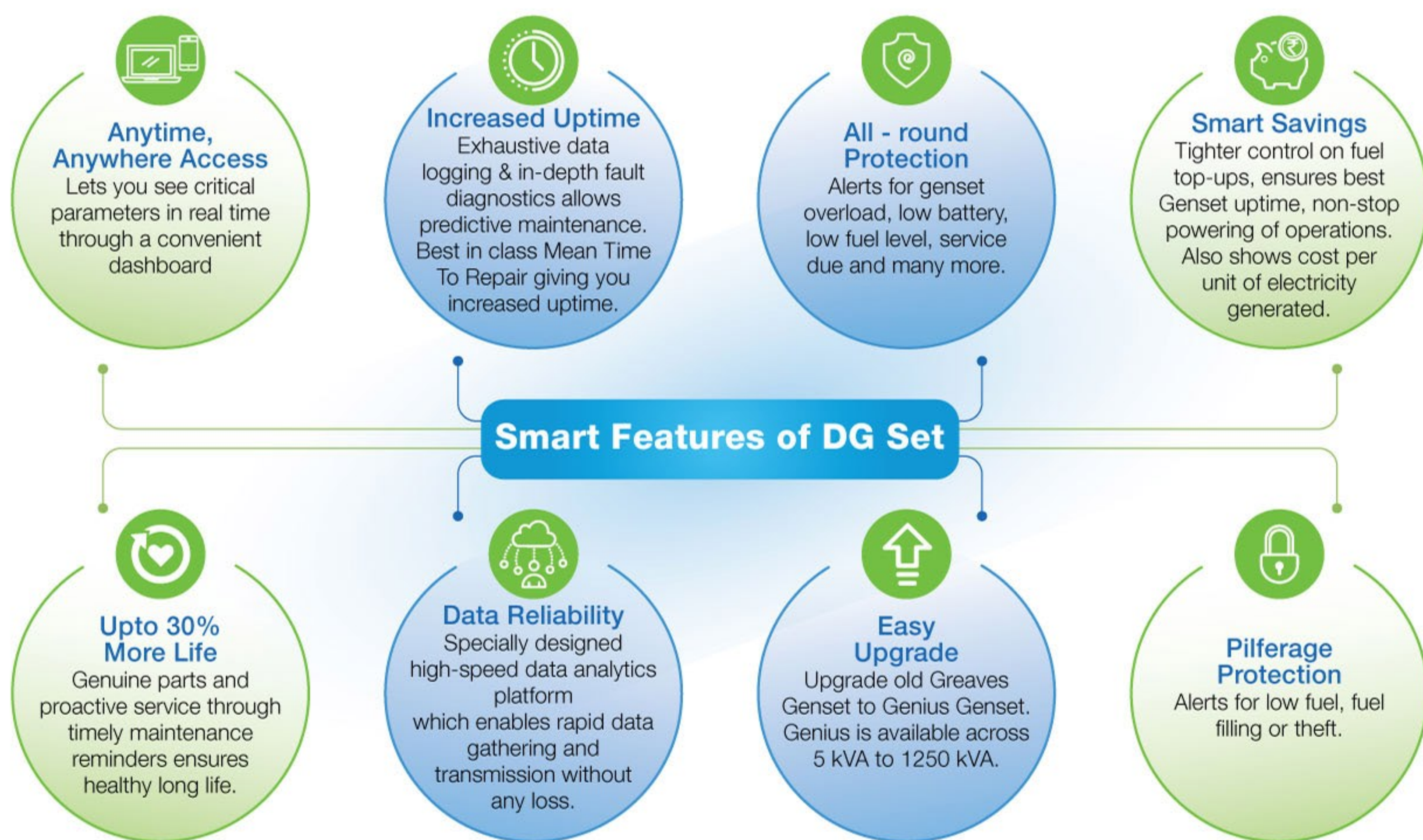
- Residential type

## Shutdown with Audio Visual Annunciation

- Low oil pressure
- High coolant temperature
- Engine overspeed
- Engine underspeed
- Low fuel level
- Overload
- Over voltage
- Under voltage

## Acoustic Enclosure

- Powder coated weather proof canopy. Engine and alternator mounted on AV mounts, with silencer and SS exhaust bellow optimised to meet stringent norms for sound and emission.
- Baseraill with draw-out type fuel tank, drain plug, inlet and outlet connections, air vent, level gauge



## RMS Features

- Separate microcontroller
- Onboard memory with SD card
- Input and output for easy integration
- Battery backup
- RS 485 Port
- Dual SIM support
- Surge and reverse power protection
- Wall and DIN mounting
- 3 LED indicator for GPS, GSM and data capture
- Secure by design and predefined access control
- Temper proof design
- Dynamic data collection
- Multi-protocol and controller support
- Cross-platform compatibility
- Real-time clock
- External GSM and GPRS antenna support
- Rapid data gathering



## Greaves Cotton - A Legacy of Excellence

- India's leading diversified engineering company with over 160 years of rich legacy
- Core competencies: Generator Sets, Pump Sets, Diesel/Petrol Engines, and Farm Equipments
- Manufacturing 5 lakh engines annually
- Strong team of more than 300 R&D professionals
- Significant strengths: Technology, Value, Reach
- Extensive marketing and service network: Over 1200 sales & services centres across India
- Global footprint with local presence in SAARC, Africa and Middle-East



Non-stop Power



Driving Business



Enhancing Productivity



Engines of Growth

## Power Generation Business

- Over 5 decades of experience in generator sets. 1 Lakh+ Gensets population in operation.
- New Genset manufacturing facility at Pune with annual capacity of more than 10000 Gensets
- Fuel-efficient, rugged and reliable
- Total solutions by single point of contact for engineering design, sales, service & spare parts
- ARAI approved testing facility equipped with sophisticated equipment is among the best in the industry and can test engines up to 2 MW
- State-of-the-art manufacturing facilities at Pune for multi-cylinder / higher HP engines and Gensets



Powering Missions



Supporting Large Infrastructure Projects

## Esteemed Clientele



**GREAVES**  
SINCE 1859

## Greaves Cotton Limited

### Auxiliary Power Business

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Email: greavespower.sales@greaves cotton.com | Website: www.greaves cotton.com/business/greavespower  
Call Center Number: 1800 266 0670

ISO 9001:2008  
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ISO 14001:2004  
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**Chennai:** Greaves Cotton Ltd., Bharati Vilas, 2nd Floor, 26B Jawaharlal Nehru Salai Ekkattuthangal Guindy Industrial Estate, Chennai - 600032.

**Bengaluru:** Survey No: 19/3, 4th Floor, Srinivasa Industrial Estate, Bikasipura Main road, (Beside Metro Cash and Carry) Yelachenahalli, Bengaluru - 560062

**Gurgaon:** Tower-B, Unit-2, Near Dronacharya Metro Station, M.G Road, Gurgaon - 122002

**Kolkata:** Victoria Park, 09th Floor, Block – GN, Plot, 37/2, Sector – V, Salt Lake, Kolkata- 700091, West Bengal, India

Greaves Channel Partner