

# DS11000

GreenPower series generating sets, 3000 rpm, equipped with KOHLER diesel engines with electric starting system with key and battery. These generating sets are equipped with a soundproof cabin suitable for outdoor installation and use, and a larger tank. 3000 rpm gensets have been designed for stand-by use only. Not recommended using for more than 6 hours continuously or more than 500 hours/year.



*The image is only for demonstration purposes*

| PRIME POWER |            | STAND-BY POWER |             |
|-------------|------------|----------------|-------------|
| kVA         | kW         | kVA            | kW          |
| <b>11</b>   | <b>9,9</b> | <b>12,1</b>    | <b>10,9</b> |

| WEIGHT     | DIMENSIONS  |            |            |
|------------|-------------|------------|------------|
| kg         | L [mm]      | W [mm]     | H [mm]     |
| <b>235</b> | <b>1070</b> | <b>610</b> | <b>900</b> |

## TECHNICAL DETAILS

|                              |                            |                         |            |
|------------------------------|----------------------------|-------------------------|------------|
| <b>ELECTRICAL DATA</b>       | Electrical system type     | 1F+N                    | ~          |
|                              | Power factor               | 0,9                     | φ          |
|                              | Voltage                    | 230                     | V          |
|                              | Frequency                  | 50                      | Hz         |
|                              | Ampere rating              | 53,8                    | A          |
| <b>ENGINE DATA</b>           | Engine                     | KOHLER KD425            |            |
|                              | Engine emissions standards | STAGE V                 |            |
|                              | Engine power               | 14,2 (10,5)             | Hp (kW)    |
|                              | Rpm                        | 3000                    |            |
|                              | Nr. of cylinders           | 2                       |            |
|                              | Engine starting system     | Electric starter        |            |
|                              | Displacement               | 851                     | cc         |
| <b>FUEL CONSUMPTION DATA</b> | Fuel type                  | Diesel                  |            |
|                              | Consumption                | 2,8                     | lt/h @ 75% |
|                              | Tank capacity              | 30                      | lt         |
|                              | Autonomy                   | 10,7                    | h          |
| <b>ALTERNATOR DATA</b>       | Alternator                 | LINZ ELECTRIC – NSM     |            |
|                              | Type                       | Self-excited, brushless |            |
|                              | Voltage regulation         | Capacitor               |            |
|                              | Voltage precision          | ± 5                     | %          |

## STANDARD EQUIPMENT



*Soundproof and weatherproof canopy*



*Anti-vibration dampers*



*First filling liquids*



*Electric starting with 12V battery*



*Bigger fuel tank for greater autonomy*



*Electric manual panel with DSE4520 control unit:  
-n.1 schuko and n.1 230V 16A 3P + n.1 230V 63A 3P ECC sockets  
- General MCB, thermal switches and battery charger*

## OPTIONS



*Automatic voltage regulator (AVR)*



*Slow trolley for manual handling*



*Automatic transfer switch panel (ATS)*

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