

## GENERATING SET GE 20000 LS/GS EAS

- Lombardini air cooled diesel engine -3000 rpm
- ES engine protection
- Three-phase synchronous alternator
- Output sockets : 1 x 400V 32A 3P+N+T CEE  
2 x 230V 32A 2P+T CEE
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Suitable for electronic equipments
- Trailer (option)
- Ready for connection to automatic transfer unit
- Meets EC directives



|                                  |                        |              |                  |              |                            |                        |                             |                          |                             |            |                     |
|----------------------------------|------------------------|--------------|------------------|--------------|----------------------------|------------------------|-----------------------------|--------------------------|-----------------------------|------------|---------------------|
| Standard Equipment<br>           |                        |              |                  |              |                            |                        |                             |                          |                             |            |                     |
|                                  | Diesel engine          | Air cooling  | Electric Starter | Battery 12 V | Engine protection          | Oil pressure shut down | High temp. engine shut down | Battery charge indicator | Low fuel indicator          | Hour meter | Central lifting eye |
| Options on request<br>           |                        |              |                  |              |                            |                        |                             |                          |                             |            |                     |
|                                  | Synchronous alternator | Compound     | 3~ Sockets       | 1~ Sockets   | ELCB-GFI - Circuit Breaker | Thermal shut off       | Voltmeter/Frequency-meter   | Ready for EAS/TCM        | Local/Remote Start selector |            |                     |
| Factory installation options<br> |                        | ● Oil heater |                  |              |                            | Version on request<br> |                             | ● Schuko sockets         |                             |            |                     |

### Technical data

### GE 20000 LS/GS EAS

|                                                                                                                                           |  |                                                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|
| <b>A.C GENERATION – 50 Hz</b>                                                                                                             |  | <b>Three-phase synchronous alternator, self-excited, self-regulated</b> |  |
| * Stand-by three-phase power                                                                                                              |  | 18 kVA (14.4 kW) / 400 V / 26A                                          |  |
| * P.R.P. three-phase power                                                                                                                |  | 16 kVA (12.8 kW) / 400 V / 23A                                          |  |
| * P.R.P. single-phase power                                                                                                               |  | 9 kVA / 230 V / 39.1 A                                                  |  |
| Cos φ                                                                                                                                     |  | 0.8                                                                     |  |
| Insulation class                                                                                                                          |  | H                                                                       |  |
| * Output powers according to ISO 8528-1                                                                                                   |  |                                                                         |  |
| <b>ENGINE</b>                                                                                                                             |  | <b>4-stroke diesel, air cooled, direct injection</b>                    |  |
| Model                                                                                                                                     |  | Lombardini 9LD625/2                                                     |  |
| * Stand-By net power                                                                                                                      |  | 18.8 kW (25.5 HP)                                                       |  |
| * P.R.P. net power                                                                                                                        |  | 17.1 kW (23.5 HP)                                                       |  |
| Cylinders/ Displacement                                                                                                                   |  | 2/ 1248 cm <sup>3</sup>                                                 |  |
| Speed                                                                                                                                     |  | 3000 rpm                                                                |  |
| Fuel consumption (75% of P.R.P.)                                                                                                          |  | 3.5 l/h                                                                 |  |
| * Powers according to ISO 3046-1                                                                                                          |  |                                                                         |  |
| <b>GENERAL SPECIFICATION</b>                                                                                                              |  |                                                                         |  |
| Tank capacity                                                                                                                             |  | 26 l                                                                    |  |
| Running time (75% of P.R.P.)                                                                                                              |  | 7.5 h                                                                   |  |
| IP protection degree                                                                                                                      |  | IP 23                                                                   |  |
| *Dimensions LxWxh (mm)                                                                                                                    |  | 1455x870x880                                                            |  |
| *Dry weight                                                                                                                               |  | 386 kg                                                                  |  |
| **Acoustic power LwA (pressure LpA)                                                                                                       |  | 99 dB(A) (74 dB(A) @ 7 m)                                               |  |
| * Dimensions and weight without trolley/trailer. ** For indoor use / For fixed installation only, in compliance with Directive 2000/14/EC |  |                                                                         |  |

Mosa reserves the right to change this specification without notice. For further information please contact the sales department.