

# MOSA

## Электростанции GE 20 PSX - EAS



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# GENERATING SET GE 20 PSX - EAS

- Perkins water cooled diesel engine - 1500 rpm
- Closed crankcase ventilation
- EP6 engine protection
- Three-phase synchronous alternator
- Output sockets : 1 x 400V 32A 3P+N+T CEE  
1 x 230V 32A 2P+T CEE - 2 x 230V 16A 2P+T CEE
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Trailer (option)
- Ready for connection to automatic transfer unit
- Meets EC directives for safety and noise level



|                              |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       |                                                                                          |                             |                     |  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------|-----------------------|------------------------------------------------------------------------------------------|-----------------------------|---------------------|--|
| Standard Equipment           |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       |                                                                                          |                             |                     |  |
|                              | Diesel engine                                                                                                                        | Water cooling               | Battery 12V | Fuel level gauge | Engine protection                                                                                                                              | Electric Starter | low press. shut down     | high water shut down  | over speed shut down                                                                     | low fuel Shut down          | battery charge      |  |
|                              |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       |                                                                                          |                             |                     |  |
|                              |                                                                                                                                      |                             |             |                  |                                                                                                                                                | Rpm-meter        | Hours-meter              | Battery Volt-meter    | Volt-meter                                                                               | Frequency-meter             | Ammeter             |  |
| Options on request           |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       |                                                                                          |                             |                     |  |
|                              | Synchronous alternator                                                                                                               | Automatic Voltage Regulator | Sockets     | Sockets          | ELCB-GFI                                                                                                                                       | Circuit Breaker  | Voltmeter phase selector | Emergency stop button | Ready for EAS/TCM                                                                        | Local/remote start selector | Central lifting eye |  |
|                              |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       |                                                                                          |                             |                     |  |
|                              |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       |                                                                                          |                             |                     |  |
| Options on request           | <ul style="list-style-type: none"><li>400V plug</li><li>230V plug</li><li>Earthing kit</li></ul>                                     |                             |             |                  | <ul style="list-style-type: none"><li>Automatic transfer unit (AMF) EAS 28-805</li><li>Remote control TCM35</li><li>Tank locking cap</li></ul> |                  |                          |                       | <ul style="list-style-type: none"><li>Site tow CTL22</li><li>Road trolley CTV1</li></ul> |                             |                     |  |
|                              |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       |                                                                                          |                             |                     |  |
| Factory installation options | <ul style="list-style-type: none"><li>Isometer (insulation monitoring)</li><li>Gauges – water temperature and oil pressure</li></ul> |                             |             |                  | <ul style="list-style-type: none"><li>Water heater WH</li></ul>                                                                                |                  |                          |                       | Version on request                                                                       |                             |                     |  |
|                              |                                                                                                                                      |                             |             |                  |                                                                                                                                                |                  |                          |                       | <ul style="list-style-type: none"><li>Schuko sockets version</li></ul>                   |                             |                     |  |

## Technical Data

## GE 20 PSX - EAS

| A.C GENERATION – 50 Hz                                                                                        | Three-phase synchronous alternator, self-excited, self-regulated, brushless |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| * Stand-by three-phase power                                                                                  | 22 kVA (17.6 kW) / 400 V / 31.8 A                                           |
| * P.R.P. three-phase power                                                                                    | 20 kVA (16 kW) / 400 V / 28.9 A                                             |
| * P.R.P. single-phase power                                                                                   | 7 kVA / 230 V / 30.4 A                                                      |
| Cos φ                                                                                                         | 0.8                                                                         |
| Insulation class                                                                                              | H                                                                           |
| * Output powers according to ISO 8528-1                                                                       |                                                                             |
| ENGINE                                                                                                        | 4-stroke diesel, natural aspirated, indirect injection, water cooled        |
| Model                                                                                                         | Perkins 404 D-22G                                                           |
| * Stand-By net power                                                                                          | 20.3 kW (27.6 HP)                                                           |
| * P.R.P. net power                                                                                            | 18.4 kW (25 HP)                                                             |
| Cylinders/ Displacement                                                                                       | 4/ 2.216 l (2216 cm <sup>3</sup> )                                          |
| Speed                                                                                                         | 1500 rpm                                                                    |
| Fuel consumption (75% of P.R.P.)                                                                              | 4 l/h                                                                       |
| * Powers according to ISO 3046-1                                                                              |                                                                             |
| GENERAL SPECIFICATION                                                                                         |                                                                             |
| Tank capacity                                                                                                 | 60 l                                                                        |
| Running time (75% of P.R.P.)                                                                                  | 15 h                                                                        |
| IP protection degree                                                                                          | IP 23                                                                       |
| *Dimensions LxWxh (mm)                                                                                        | 1720x980x1110                                                               |
| *Dry weight                                                                                                   | 680 kg                                                                      |
| **Measured acoustic power L <sub>WA</sub> (pressure L <sub>pA</sub> )                                         | 90 dB(A) (65 dB(A) @ 7 m)                                                   |
| **Guaranteed acoustic power L <sub>WA</sub> (pressure L <sub>pA</sub> )                                       | 91 dB(A) (66 dB(A) @ 7 m)                                                   |
| * Dimensions and weight without trolley/trailer. ** Acoustic power according to European Directive 2000/14/EC |                                                                             |

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