




















GENERATING SET

GE 555 VP Skid - S - SX

- VOLVO Penta Diesel engine, water-cooled with electronic speed regulation.
- Brushless alternator with electronic voltage regulation (AVR)
- "BRAIN" control panel unit with the following features:
 - Automatic Mains Failure with QEA logic
 - Engine protection - high water temp., low oil press., overspeed, low battery voltage etc.
 - More than 30 selectable alarms
 - Digital display - water temp., oil press., fuel level, battery voltage, engine speed, phase and line voltages, currents,
- Connection to PAC load transfer switch (with QEA logic)
- All versions can be prepared for manual or automatic operation (with QEA logic)



| | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|--|---|---|---|--|
| Base equipment unit |  |  |  |  |  |  |  |  |  | | |
| | Diesel engine | Water cooling | Electric starter | Battery 24V (2 x 12V) | Emergency stop button | Synchronous alternator | Electronic voltage regulator | Fuel alarm | Overload and short circ. protection | | |
| Factory installation |  |  |  |  |  |  |  |  |  |  | |
| | BRAIN Unit | Engine shut down oil | Engine shut down temp. | Engine shut down overspeed | Engine shut down battery charge | Hour counter | Main, gen., battery | Main, generator | Countdown maintenance | Remote starting | |
| Options on request | <ul style="list-style-type: none">CE Kit (4 poles circuit breaker + G.F.I.)QEA LogicFuel level gauge with alarm | | | | | <ul style="list-style-type: none">Heater KitFuel charging pump kitLow level cooling alarm | | | <ul style="list-style-type: none">Semiresidential mufflerPermanent magnet (PHG) alternator | | |
| | <ul style="list-style-type: none">PAC (load transfer switch) | | | | | | | | | | |

| Technical data | GE 555 VP SKID | GE 555 VPS | GE 555 VPSX |
|--|---|--------------------------|------------------------|
| A.C. GENERATION | 50 Hz, three-phase, synchronous alternator, self-excited, self-regulated, brushless | | |
| * Three-phase power (L.T.P.) | 550 kVA (440 kW) / 400 V / 794 A | | |
| * Three-phase power (P.R.P.) | 500 kVA (400 kW) / 400 V / 722 A | | |
| Power factor (cos φ) | 0.8 | | |
| Insulating class | H | | |
| * Output according to ISO 8528-1 | | | |
| ENGINE | Diesel, 4-stroke, water cooled | | |
| Type | VOLVO Penta TAD 1641 GE | | |
| # Output (L.T.P.) | 473 kW | | |
| # Output (P.R.P.) | 430 kW | | |
| Speed | 1500 rpm | | |
| Displacement | 16120 cm³ | | |
| Cylinders | 6 | | |
| Fuel consumption | 199 g/kWh | | |
| # Output according to ISO 3046/1 | | | |
| GENERAL SPECIFICATIONS | | | |
| Tank capacity | 900 l | 590 l | 1050 l |
| Running time (Load 75%) | 12 h | 9.5 h | 14 h |
| Protection | IP 20 | IP 44 | IP 44 |
| Dimensions Lxwxh (mm)* | 3300x1300x2050 | 3835x1800x2785 | 4530x1840x2715 |
| Weight* | 4600 kg | 5495 Kg | 5980 kg |
| Noise level | N/A | 112 LWA (82 dB(A) - 7 m) | 99 LWA(74 dB(A) - 7 m) |
| * Dimensions and weight are inclusive of all parts without wheels and towbar | | | |

Values shown are nominal values. For further information please contact the sales department.