



## NATURAL GAS GENSET

### MODEL : KS100UG

#### ALTERNATOR SPECIFICATIONS

|   |             |   |
|---|-------------|---|
| Manufacturer :  | Leroy Somer | <ul style="list-style-type: none"> <li>Leroy Somer is a branch of Emerson Electric</li> </ul>   |
| Type :  | 442 S7      | <ul style="list-style-type: none"> <li>Compliance with NEMA MG21, UTE NF C51.111, VDE 0530, BS 4999, CSA standards.</li> </ul>                                      |
| Pole : number   | 4           | <ul style="list-style-type: none"> <li>2/3 pitch, 12 leads reconnectable.</li> </ul>  |
| Exciter type :  | Shunt       | <ul style="list-style-type: none"> <li>Low reactance (<math>X'd &lt; 12\%</math>).</li> </ul>   |
| Insulation : class, temperature rise                      | H / H       | <ul style="list-style-type: none"> <li>Vacuum-impregnated windings with epoxy varnish. IP21 drip proof</li> </ul>   |
| Voltage regulator :                                       | R230        | <ul style="list-style-type: none"> <li>Generator allows as standard sustained short circuit current of up to 300% of rated current for up to 10 seconds.</li> </ul> |
| Bearing : number, type :                                  | 1           |   |
| Coupling :  | Direct      |   |
| Voltage regulation 0 to 100% load :                       | +/- 1%      |   |
| Recovery time (20% Volt dip) ms :                         | <500ms      |   |
| SkVA with 90 % of nominal sustained voltage (at 0.4 PF) : | 300         |   |

#### CONTROL PANEL

Microprocessor control panel is available on all the models. Compatible with 12 or 24 Volts Engine electrical systems.



#### Standard features :

AC voltmeter, AC ammeter, Frequency meter,

Engine shutdown : Oil pressure, High water temperature, Low water level, Overspeed, Overcrank.

Engine parameters : Oil pressure, Water temperature, Fuel level, Running time meter, Battery voltage.

Emergency Stop Button, Internal clock.

Communication via a RS485 for remote management (software is an option)