

## SGT-175SX

|                        |     |
|------------------------|-----|
| Standby Power (kVA)    | 175 |
| Standby Power (kW)     | 140 |
| Prime Power (kVA)      | 160 |
| Prime Power (kW)       | 128 |
| Power Factor (cos phi) | 0,8 |

|                      |         |
|----------------------|---------|
| Standby Current (A)  | 253     |
| Prime Current (A)    | 231     |
| Nominal Voltage (V)  | 400/231 |
| Engine Speed (r.p.m) | 1500    |
| Phase                | 3       |

### Engine Specifications

|                                      |                           |
|--------------------------------------|---------------------------|
| Engine Brand                         | SDEC                      |
| Engine Model                         | SC7H230D2                 |
| Standby Power (Kw/hp)                | 170/228                   |
| Engine Speed (r.p.m)                 | 1500                      |
| Total Displacement (L)               | 6,44                      |
| Cylinder Arrangement                 | 6-L                       |
| Bore x Stroke (mm x mm)              | 105 x 124                 |
| Compretn Ratio                       | 16.0 : 1                  |
| Governor Type                        | Electronic                |
| Aspiration System                    | Turbocharged-Intercooler  |
| Injection                            | Direct                    |
| Cooling System                       | Water Cooled              |
| Electrical System (VDC)              | 24                        |
| Oil Capacity (L)                     | 17,5                      |
| Coolant Capacity (L)                 | 28,6                      |
| Fuel Tank Capacity (L)               | 450                       |
| Maximum Exhaust Gas Temperature (°C) | 600                       |
| Maximum Exhaust Gas Flow (m3/h)      | 1632                      |
| Maximum Back Pressure (kPa)          | 6                         |
| Cooling Air Flow (m3/min)            | 271,8                     |
| Fuel Consumption at 50 % (L/h)       | 17,8                      |
| Fuel Consumption at 75 % (L/h)       | 26,8                      |
| Fuel Consumption at 100 % (L/h)      | 36                        |
| Cylinder Liner Type                  | Wet Type-Replacable       |
| Air Filter Type                      | Heavy Duty                |
| Radiator                             | Tropical type up to 50 °C |

### Alternator Specifications

|                       |                 |
|-----------------------|-----------------|
| Alternator Brand      | Lynx            |
| Alternator Model      | LX 274 F        |
| Frequency (Hz)        | 50              |
| Nominal Power (kVA)   | 160             |
| Nominal Voltage (V)   | 400             |
| Phase                 | 3               |
| Regulated By          | AVR             |
| Voltage Regulation    | ± 1 %           |
| Short Circuit Current | 100% In         |
| Insulation            | Class H         |
| IP Class              | IP 23           |
| Power Factor          | 0.8             |
| Efficiency (%)        | 92,3            |
| THD                   | <1.5%           |
| Connection Type       | Star connection |
| Number of Wires       | 12              |
| Poles                 | 4 pole          |
| Bearing Type          | Single Bearing  |



### Open Type Dimensions and Weight

|                        |      |
|------------------------|------|
| Width (mm)             | 1200 |
| Length (mm)            | 2400 |
| Height (mm)            | 1660 |
| Weight (Kg)            | 1510 |
| Fuel Tank Capacity (L) | 450  |

Starkgen reserves the right to introduce changes to models and features without prior notice

### Canopy Type Dimensions and Weight

|                        |      |
|------------------------|------|
| Width (mm)             | 1200 |
| Length (mm)            | 3200 |
| Height (mm)            | 1953 |
| Weight (Kg)            | 1930 |
| Fuel Tank Capacity (L) | 450  |



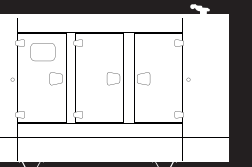
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