

## SGT-712PL6

|                        |       |
|------------------------|-------|
| Standby Power (kVA)    | 711   |
| Standby Power (kW)     | 568,8 |
| Prime Power (kVA)      | 647   |
| Prime Power (kW)       | 517,6 |
| Power Factor (cos phi) | 0,8   |

|                      |         |
|----------------------|---------|
| Standby Current (A)  | 1082    |
| Prime Current (A)    | 984     |
| Nominal Voltage (V)  | 380/220 |
| Engine Speed (r.p.m) | 1800    |
| Phase                | 3       |

### Engine Specifications

|                                      |                           |
|--------------------------------------|---------------------------|
| Engine Brand                         | PERKINS                   |
| Engine Model                         | 2806A-E18TAG2             |
| Standby Power (Kw/hp)                | 623/835,5                 |
| Engine Speed (r.p.m)                 | 1800                      |
| Total Displacement (L)               | 18,13                     |
| Cylinder Arrangement                 | 6-L                       |
| Bore x Stroke (mm x mm)              | 145 x 183                 |
| Compression Ratio                    | 14,5:1                    |
| Governor Type                        | Electronic                |
| Aspiration System                    | Turbocharged AAC          |
| Injection                            | Direct                    |
| Cooling System                       | Water Cooled              |
| Electrical System (VDC)              | 24                        |
| Oil Capacity (L)                     | 62                        |
| Coolant Capacity (L)                 | 61                        |
| Fuel Tank Capacity (L)               | 1200                      |
| Maximum Exhaust Gas Temperature (°C) | 489                       |
| Maximum Exhaust Gas Flow (m3/h)      | 7080                      |
| Maximum Back Pressure (kPa)          | 6,9                       |
| Cooling Air Flow (m3/min)            | 852                       |
| Fuel Consumption at 50 % (L/h)       | 66                        |
| Fuel Consumption at 75 % (L/h)       | 95                        |
| Fuel Consumption at 100 % (L/h)      | 127                       |
| Cylinder Liner Type                  | Wet Type-Replacable       |
| Air Filter Type                      | Dry Type-Replacable       |
| Radiator                             | Tropical type up to 50 °C |

### Alternator Specifications

|                       |                 |
|-----------------------|-----------------|
| Alternator Brand      | Leroy Somer     |
| Alternator Model      | TAL0473F        |
| Frequency (Hz)        | 60              |
| Nominal Power (kVA)   | 650             |
| Nominal Voltage (V)   | 380             |
| Phase                 | 3               |
| Regulated By          | AVR             |
| Voltage Regulation    | ± 0.8 %         |
| Short Circuit Current | 100% In         |
| Insulation            | Class H         |
| IP Class              | IP 23           |
| Power Factor          | 0.8             |
| Efficiency (%)        | 95,1            |
| THD                   | < 1.5 %         |
| Connection Type       | Star connection |
| Number of Wires       | 6               |
| Poles                 | 4 pole          |
| Bearing Type          | Single Bearing  |



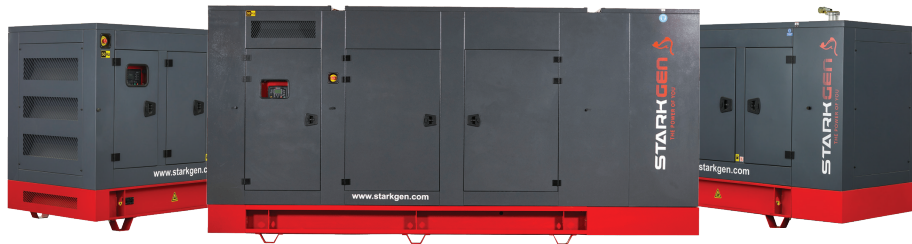
### Open Type Dimensions and Weight

|                        |      |
|------------------------|------|
| Width (mm)             | 1900 |
| Length (mm)            | 3600 |
| Height (mm)            | 2253 |
| Weight (Kg)            | 4700 |
| Fuel Tank Capacity (L) | 1200 |

### Canopy Type Dimensions and Weight

|                        |      |
|------------------------|------|
| Width (mm)             | 1900 |
| Length (mm)            | 5200 |
| Height (mm)            | 3110 |
| Weight (Kg)            | 6000 |
| Fuel Tank Capacity (L) | 1200 |

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



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