

## SGT-15PW

|                        |      |
|------------------------|------|
| Standby Power (kVA)    | 14,5 |
| Standby Power (kW)     | 11,6 |
| Prime Power (kVA)      | 13   |
| Prime Power (kW)       | 10   |
| Power Factor (cos phi) | 0,8  |

|                      |         |
|----------------------|---------|
| Standby Current (A)  | 21      |
| Prime Current (A)    | 19      |
| Nominal Voltage (V)  | 400/231 |
| Engine Speed (r.p.m) | 1500    |
| Phase                | 3       |

### Engine Specifications

|                                      |                           |
|--------------------------------------|---------------------------|
| Engine Brand                         | PERKINS                   |
| Engine Model                         | 403A-15G1                 |
| Standby Power (Kw/hp)                | 13,5/18,1                 |
| Engine Speed (r.p.m)                 | 1500                      |
| Total Displacement (L)               | 1,496                     |
| Cylinder Arrangement                 | 3-L                       |
| Bore x Stroke (mm x mm)              | 84 x 90                   |
| Compretn Ratio                       | 22,5:1                    |
| Governor Type                        | Mechanical                |
| Aspiration System                    | Natural                   |
| Injection                            | Indirect                  |
| Cooling System                       | Water Cooled              |
| Electrical System (VDC)              | 12                        |
| Oil Capacity (L)                     | 6                         |
| Coolant Capacity (L)                 | 6                         |
| Fuel Tank Capacity (L)               | 40                        |
| Maximum Exhaust Gas Temperature (°C) | 490                       |
| Maximum Exhaust Gas Flow (m3/h)      | 174                       |
| Maximum Back Pressure (kPa)          | 10,2                      |
| Cooling Air Flow (m3/min)            | 36,6                      |
| Fuel Consumption at 50 % (L/h)       | 2,04                      |
| Fuel Consumption at 75 % (L/h)       | 2,79                      |
| Fuel Consumption at 100 % (L/h)      | 3,67                      |
| Cylinder Liner Type                  | Wet Type-Replacable       |
| Air Filter Type                      | Dry Type-Replacable       |
| Radiator                             | Tropical type up to 50 °C |

### Alternator Specifications

|                       |                 |
|-----------------------|-----------------|
| Alternator Brand      | WEG             |
| Alternator Model      | 161AIHS         |
| Frequency (Hz)        | 50              |
| Nominal Power (kVA)   | 14              |
| Nominal Voltage (V)   | 400             |
| Phase                 | 3               |
| Regulated By          | AVR             |
| Voltage Regulation    | ± 0,5%          |
| Short Circuit Current | 300% In         |
| Insulation            | Class H         |
| IP Class              | IP 23           |
| Power Factor          | 0.8             |
| Efficiency (%)        | 73,1            |
| THD                   | <3%             |
| Connection Type       | Star connection |
| Number of Wires       | 12              |
| Poles                 | 4 pole          |
| Bearing Type          | Single Bearing  |



### Open Type Dimensions and Weight

|                        |      |
|------------------------|------|
| Width (mm)             | 800  |
| Length (mm)            | 1250 |
| Height (mm)            | 1000 |
| Weight (Kg)            | 510  |
| Fuel Tank Capacity (L) | 40   |

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

### Canopy Type Dimensions and Weight

|                        |      |
|------------------------|------|
| Width (mm)             | 800  |
| Length (mm)            | 1800 |
| Height (mm)            | 1250 |
| Weight (Kg)            | 575  |
| Fuel Tank Capacity (L) | 40   |



### STARKGEN JENERATÖR PAZARLAMA ve TİC. AŞ

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