# SGT-1385PW

| | |
|---|---|
| **Standby Power (kVA)** | 1370 |
| **Standby Power (kW)** | 1096 |
| **Prime Power (kVA)** | 1241 |
| **Prime Power (kW)** | 992,8 |
| **Power Factor (cos phi)** | 0,8 |

| | |
|---|---|
| **Standby Current (A)** | 1980 |
| **Prime Current (A)** | 1793 |
| **Nominal Voltage (V)** | 400/231 |
| **Engine Speed (r.p.m)** | 1500 |
| **Phase** | 3 |

## Engine Specifications

| | |
|---|---|
| **Engine Brand** | PERKINS |
| **Engine Model** | 4012-46TWG2A |
| **Standby Power (Kw/hp)** | 1219/1634,7 |
| **Engine Speed (r.p.m)** | 1500 |
| **Total Displacement (L)** | 45,842 |
| **Cylinder Arrangement** | 12-V |
| **Bore x Stroke (mm x mm)** | 160 x 190 |
| **Compretion Ratio** | 13:01 |
| **Governor Type** | Electronic |
| **Aspiration System** | Turbocharged WAC |
| **Injection** | Direct |
| **Cooling System** | Water Cooled |
| **Electrical System (VDC)** | 24 |
| **Oil Capacity (L)** | 177 |
| **Coolant Capacity (L)** | 201 |
| **Fuel Tank Capacity (L)** | External |
| **Maximum Exhaust Gas Temperature (°C)** | 422 |
| **Maximum Exhaust Gas Flow (m3/h)** | 14100 |
| **Maximum Back Pressure (kPa)** | 5 |
| **Cooling Air Flow (m3/min)** | 1680 |
| **Fuel Consumption at 50 % (L/h)** | 143 |
| **Fuel Consumption at 75 % (L/h)** | 196 |
| **Fuel Consumption at 100 % (L/h)** | 259 |
| **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** | 355MI80AI |
| **Frequency (Hz)** | 50 |
| **Nominal Power (kVA)** | 1300 |
| **Nominal Voltage (V)** | 400 |
| **Phase** | 3 |
| **Regulated By** | AVR |
| **Voltage Regulation** | ± 0,5% |
| **Short Circuit Current** | 250% In |
| **Insulation** | Class H |
| **IP Class** | IP 23 |
| **Power Factor** | 0.8 |
| **Efficiency (%)** | 94.0 |
| **THD** | <3% |
| **Connection Type** | Star connection |
| **Number of Wires** | 12 |
| **Poles** | 4 pole |
| **Bearing Type** | Single Bearing |

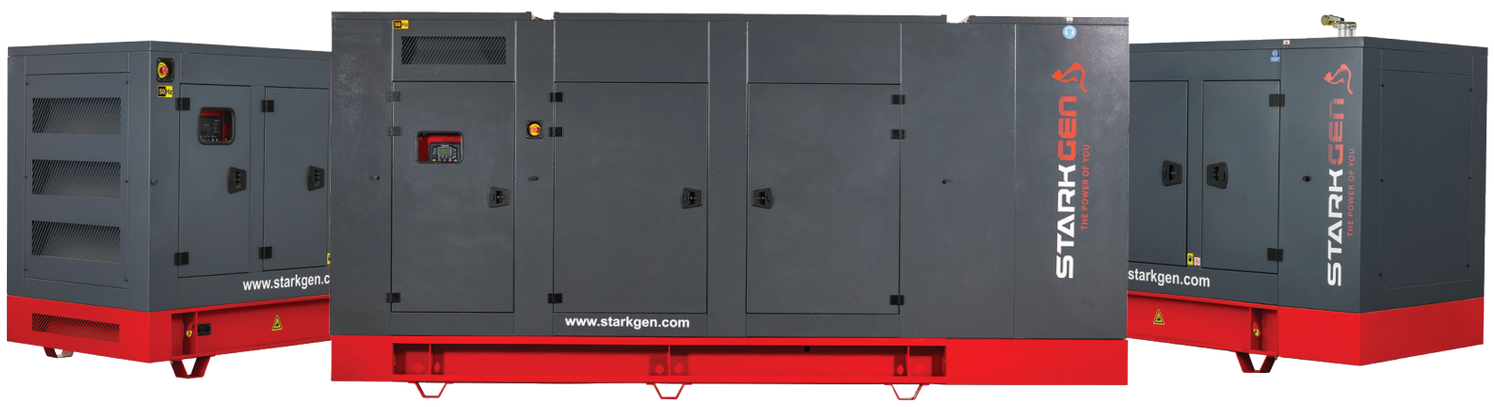
## Open Type Dimensions and Weight

| | |
|---|---|
| **Width (mm)** | 2150 |
| **Length (mm)** | 5680 |
| **Height (mm)** | 2336 |
| **Weight (Kg)** | 10200 |
| **Fuel Tank Capacity (L)** | External |

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

## Canopy Type Dimensions and Weight

| | |
|---|---|
| **Width (mm)** | 2440 |
| **Length (mm)** | 9000 |
| **Height (mm)** | 3400 |
| **Weight (Kg)** | 13500 |
| **Fuel Tank Capacity (L)** | External |

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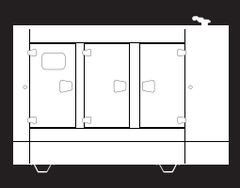

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