

SGT-88PW

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|------------------------|-------|
| Standby Power (kVA) | 85,3 |
| Standby Power (kW) | 68,24 |
| Prime Power (kVA) | 78 |
| Prime Power (kW) | 62 |
| Power Factor (cos phi) | 0,8 |

| | |
|----------------------|---------|
| Standby Current (A) | 123 |
| Prime Current (A) | 113 |
| Nominal Voltage (V) | 400/231 |
| Engine Speed (r.p.m) | 1500 |
| Phase | 3 |

Engine Specifications

| | |
|--------------------------------------|---------------------------|
| Engine Brand | PERKINS |
| Engine Model | 1104A-44TG2 |
| Standby Power (Kw/hp) | 80,7 /108,2 |
| Engine Speed (r.p.m) | 1500 |
| Total Displacement (L) | 4,4 |
| Cylinder Arrangement | 4-L |
| Bore x Stroke (mm x mm) | 105 x 127 |
| Compreion Ratio | 17,25:1 |
| Governor Type | Mechanical |
| Aspiration System | Turbocharged |
| Injection | Direct |
| Cooling System | Water Cooled |
| Electrical System (VDC) | 12 |
| Oil Capacity (L) | 8 |
| Coolant Capacity (L) | 13 |
| Fuel Tank Capacity (L) | 180 |
| Maximum Exhaust Gas Temperature (°C) | 580 |
| Maximum Exhaust Gas Flow (m3/h) | 798 |
| Maximum Back Pressure (kPa) | 10 |
| Cooling Air Flow (m3/min) | 89 |
| Fuel Consumption at 50 % (L/h) | 9,7 |
| Fuel Consumption at 75 % (L/h) | 14 |
| Fuel Consumption at 100 % (L/h) | 18,7 |
| 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 | 202AIVS |
| Frequency (Hz) | 50 |
| Nominal Power (kVA) | 83 |
| 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 (%) | 86,3 |
| THD | <3% |
| Connection Type | Star connection |
| Number of Wires | 12 |
| Poles | 4 pole |
| Bearing Type | Single Bearing |



Open Type Dimensions and Weight

| | |
|------------------------|------|
| Width (mm) | 1100 |
| Length (mm) | 1750 |
| Height (mm) | 1555 |
| Weight (Kg) | 960 |
| Fuel Tank Capacity (L) | 180 |

Canopy Type Dimensions and Weight

| | |
|------------------------|------|
| Width (mm) | 1100 |
| Length (mm) | 2400 |
| Height (mm) | 1805 |
| Weight (Kg) | 1375 |
| Fuel Tank Capacity (L) | 180 |

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



STARKGEN JENERATÖR PAZARLAMA ve TİC. AŞ

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