# QSANQ Sanq Power

## Model： SQC200（S）

| | |
|---|---|
| Standby Power (50Hz) | 200KVA/160KW |
| Prime Power(50Hz) | 182KVA/145KW |

## Standard Features

- Engine: Cummins 6CTA8.3-G1
- Charge Alternator: 24V
- Governer: Mechanical
- Generator: Stamford UCI274G
- Single Bearing Alternator IP23
- Insulation Class H/H
- Genuine radiator with engine driven fan
- Skid and vibration isolators
- Dry type air filter
- Main line circuit breaker (Below 500KVA)
- 12V battery and cable
- User's manual

## Weight And Dimensions

| Genset | Dimensions(LxWxH) | Weight (KG) |
|---|---|---|
| Open type | 2360mmx847mmx1366mm | 1782 |
| Silent type | 3600mmx1333mmx2040mm | 3040 |

## Generator Ratings

| Voltage | Hz | Phase | Power Factor | Standby (KVA/KW) | Prime (KVA/KW) |
|---|---|---|---|---|---|
| 400/230 | 50 | 3 | 0.8 | 200/160 | 182/145 |

## Criterion

- Generator sets: GB/T2820-1997, ISO9001：2008
- Alternator: BS5000, VDE0530, NEMA MG1-32, IEC34, CSAC22.2-100, AS1359
- Diesel Engine: ISO3046, DIN6271

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## Engine Data

| | |
|---|---|
| • Manufacturer/Model | DCEC Cummins 6CTA8.3-G1 |
| • No.of Cylinders | 6 |
| • Displacement | 8.3L |
| • Bore and Stroke | 114*135(mm) |
| • Compression ratio | 17.3:1 |
| • Rated RPM | 1500rpm |
| • Max.standby power at rated 1500RPM | 180KW |
| • Aspiration | Turbo-charged and after-cooled |
| • Governor Type | Mechanical |
| • Exhaust Gas Flow @Standby Rating | 578L/S |
| • Exhaust Temperature @Standby Rating | 563℃ |
| • Intake Air Flow@Standby Rating | 206liter/s |
| • Fuel System | BYC PB/RSV Mechanical |
| • 100%(Prime Power) Load | 42Liter/H |
| • Lubrication System Min. | 23.8L |
| • Total Coolant Capacity | 12.3L |

## Alternator Data

| | |
|---|---|
| • Manufacture/Type | Stamford/UCI274G |
| • Number of phase power | 3 |
| • Factor | 0.8 |
| • Pole Number | 4 |
| • Bearing Number | 1 |
| • Exciter Type | Brushless, self-excited |
| • Insulation Class | H/H |
| • Protection | IP23 |

## Control Panel



• Auto Module Control Panel, usually adopt control module of UK Deepsea DSE 6020 or Equal, is the configuration for nobody on duty generators control, This kind of panel adopts auto module control system, with large LCD display to show the menu.

• Features: receive remote output signal from ATS and realize auto start and stop of generators.

• Auto Mains Failure controller, can realize further more can detect ATS and control directly.

• Automatic Parallel Control Panel usually adopting intelligent control module of UK Deepsea DSE8610 or equal, this new automatic parallel system is inserted and folded installed, no need the peripheral relay and logic circuit. The main switch adopts electronic breaker or frame breaker, combined togethe rwith the generator, which is very reliable. One generator, one panel. The panel can be used both for single genset working or Gensets Parallel working. This kind of panel also can be used to parallel generator when the capability of the power plant needs to be enlarged in the future.

## Optional

| Engine | Alternator | Fuel System | Control System |
|---|---|---|---|
| • Pre-heater | • Anti Condensation Heater<br>• Drop CT（For Paralleling） | • Daily Fuel Tank<br>• Water Separator | • Remote Control Panel<br>• Auto Transfer Switch (ATS)<br>• Paralleling System<br><br>• Electricity Output Cabinet |

## Others

• Rainproof Type
• Soundproof Type
• Trailer Type
• Container Type
• Spare Parts





## Warranty

● Warranty is according to our standard conditions: 12 months or 1,200 running hours, subject to the earlier one. And what's more, Cummins gensets enjoy world-wide united Warranty from Cummins engine agency or service centre at the client's local side.

● Service and parts are available from Guangzhou Sanq Power Equipment Co.,Ltd or our distributors in your location.