



Diesel Generating Set



Model

SQIC2500

Standby Power (50Hz)

2500KVA/2000KW

Prime Power(50Hz)

2000KVA/1600KW

Standard Features

Engine: Cummins QSK60-G13

Charge Alternator: 24V

Governor: Electrical

Generator: Stamford PI734G

Single Bearing Alternator IP23

Insulation Class H/H

Radiator 50°C max with coolant cap

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	5900mmx2100mmx2750mm	17500
Silent type	12192mmx2438mmx2896mm	22000

Generator Ratings

Voltage	Hz	Phase	Power Factor	Standby (KVA/KW)	Prime (KVA/KW)
400/230	50	3	0.8	2500/2000	2000/1600

Criterion

Generator sets: GB/T2820-1997, ISO9001: 2008

Alternator: BS5000, VDE0530, NEMA MG1-32, IEC34, CSAC22.2-100, AS1359

Diesel Engine: ISO3046, DIN6271

Engine Data

Manufacturer/Model	imported Cummins QSK60-G13
No.of Cylinders	16
Displacement	60.2L
Bore and Stroke	159*190(mm)
Compression ratio	14.5:1
Rated RPM	1500rpm
Max.standby power at rated 1500RPM	2164KW
Aspiration	Turbocharged and aftercooled
Governor Type	Electrical
Exhaust Gas Flow @Standby Rating	6553L/S

Exhaust Temperature @Standby Rating	507℃
Intake Air Flow@Standby Rating	2573liter/S
Fuel System	A pump with GAC governor
100%(Prime Power) Load	523Liter/H
Lubrication System Min. capacity	231L
Total Coolant Capacity	159L

Alternator Data

STAMFORD®

Manufacture/Type	Stamford/PI734G
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 7320 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.

RS232 or 485 interface which can communicate with PC to realize remote operation.

Auto Mains Failure controller, can realize furthermore can detect ATS and control directly.



Automatic Parallel Control Panel usually adopting intelligent control module of UK Deepsea DSE 7510 or 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 together with 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	Fuel System	Control System
Heater	Daily Fuel Tank Water Separator	Remote Control Panel Auto Transfer Switch (ATS) Paralleling System Electricity Output Cabinet
Alternator	Others	

Anti Condensation Heater Rainproof Type
Drop CT (For Paralleling) Soundproof Type
Trailer Type
Container Type
Spare Parts



Warranty

Warranty is according to our standard conditions: 12 months or 1,500 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.

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