

500KW DIESEL GENERATOR SPECIFICATIONS

Voltage:230/400V/1500r/m

Frequency:50Hz

Power factor:0.8

Phase:3Ph 4Wr

Protection degree: IP23

Insulation Class: H

Efficiency more than: 85%

Generator passed ISO certificate



| Genset Model | | Silent type | CU500GFS |
|--------------------------------|------------------------------|-------------|--|
| Standby Power(kW/kVA) | | | 500/625 |
| Prime power(KW/KVA) | | | 454/568 |
| Diesel Engine | Brand | | CUMMINS |
| | Model | | QSZ13-G10 |
| | Type | | water-cooled,inline, 4-stroke,direct injection , |
| | Rated Power(kW) | | 463 |
| | Aspiration | | Turbocharged & charge air cooled |
| | No.of Cylinder | | 6 |
| | Bore x Stroke(mm) | | 130x163 |
| | Compression Ratio | | 17:01 |
| | Piston speed m/s | | 9.78 |
| | Electronic Governor Rate | | ≤ 1% |
| | Exhaust Temperature(°C) | | 547 |
| | Lub oil Capacity(L) | | 78 |
| | Rated Fuel consumption (L/h) | | 80 |
| | Displacement (L) | | 13 |
| Governing Type | | Electrical | |
| Stamford technology Alternator | Model | | HC534ES |
| | Standby Output(KW/KVA) | | 500/625 |
| | Power Efficiency | | 94.40% |
| | Voltage Regulation | | ≤ ±1.0 |
| | Excitation Type | | Brushless |
| Insulation Class | | H | |
| Controller | brand & model | | UK deepsea DSE6120 |
| Overall Size(mm) | Length | | 4350 |
| | Width | | 1600 |
| | Height | | 2400 |
| Gross Weight(kg) | | | 4900 |