

Genset model : **QD97E**

Prime power (kVA) 88
380-415V,50Hz

Standby power (kVA) 97



www.qaswaa-albararry.com

Prime power : available at variable load. The permissible average power out put (during 24h period) shall not exceed 70% of the prime power rating.

Standby power : available in the event of a main power network failure. No overload is permitted.

Technical Data

| | |
|------------------------|--|
| Engine model | D1146- DOOSAN |
| Alternator model | SK225MM - SINCRO |
| Engine type | In-line 4 cycle, water cooled Naturally aspirated |
| Cylinder type | Replaceable dry liner |
| No. of cylinder | 6 |
| Displacement | 8.071(492.49) lit.(in3) |
| Bore / Stroke | 111(4.37) x 139(5.47) mm(in.) |
| Compression ratio | 17.5 : 1 |
| Insulation class | H |
| Excitation system | Brushless |
| Voltage regulator type | AVR BL 4 |
| Short circuit current | > 300 % In for 10s |
| Total harmonic content | < 2.5 % |
| Under speed protection | Standard vers. |

ENERGY ON DEMAND

FUEL CONSUMPTION (liter/hr)

| | | | |
|-----|------|------|------|
| 25% | 50% | 75% | 100% |
| 7.5 | 11.3 | 15.9 | 20.6 |

| | |
|----------------|------------------------|
| Injection pump | Zexel in-line "P" type |
| Governor | Electric type |
| Feed Pump | Mechanical type |

