

# Genset model : **QD189E**

Prime power (kVA)            **172**  
380-415V,50Hz

Standby power (kVA)        **189**



[www.qaswaa-albararry.com](http://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	P086TI-1- DOOSAN
Alternator model	SK250MS - SINCRO
Engine type	In-line 4 cycle, water cooled Turbo charged & intercooled (air to air)
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	16.4 : 1
Insulation class	H
Excitation system	Brushless
Voltage regulator type	AVR BL 4 - B
Short circuit current	> 300 % In
Total harmonic content	< 2 %
Under speed protection	Standard vers.

# ENERGY ON DEMAND

## FUEL CONSUMPTION (liter/hr)

25%	50%	75%	100%
10.1	18.7	26.7	35.4

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

