

## Doosan diesel engine generator

Capacity: 410KVA (328KW) at 50Hz

Model	Standby Rating		Prime Rating	
	kVA	KW	kVA	KW
<b>AG-DW410</b>	410	328	450	360

### Specification

Engine Model	P158LE-1
Engine Manufacturer	P158LE
Engine Configuration	Korea Doosan Infracore Co.,Ltd
Speed Control System	8-cylinder in V type, 4-stroke, Exhaust gas turbocharged, Air-to- Air cooled
Start Mode	Electron speed controller
Fuel System	24V Direct Current Start Including alternator & battery
100% Load Fuel Consumption (L/h)	Bosch direct spray "P"model pump
Total Engine Displacement (L)	89.3
Exhaust Air Flow (m <sup>3</sup> /min)	14.618
Air consumption (m <sup>3</sup> /min)	854
Exhaust gas Flow (m <sup>3</sup> /min)	25.3
Exhaust gas Temperature (°C)	≤78.3
Oil Capacity (L)	≤606
Coolant Capacity (L)	28
Generator Manufacturer	88.5
Generator model	Wuxi Newage Alternator Co Ltd. (STAMFORD brand.)
Rated Voltage/Frequency	HCI544C1
Power Factor/Connective Wire Type	400V/230V, 50Hz
Stable Frequency Change Rate	≤78.3
Free load voltage Regulator Range	≤606
Stable Voltage Regulator	28
Insulation Class/Protection Grade	88.5
Telephone Influence Index	Wuxi Newage Alternator Co Ltd. (STAMFORD brand. )
Telephone Harmonic Index	HCI544C1
Dimension without fuel tank on base(mm)	400V/230V, 50Hz
Weight without fuel tank on base (kg)	0.8 lag, 3-phase,4-line Y type circling to connect

\*Note: Some options may not be available on all models.



### Standby Power

Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under average of 70% load. Overloading is not permissible.

### Prime Power

Prime power is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hours.



2000 kVA Diesel Generator



5 MVA Transformer



VCB



ACB



Synchronized Electricity



Civil Construction



Over Head Crane