

Doosan Diesel Engine Generator

Capacity: 200 (160KW) at 50Hz

Model	Standby Rating		Prime Rating	
	kVA	KW	kVA	KW
AG-DW200	200	160	220	176

Specification

Engine Model	P086TI
Engine Manufacturer	Korea Doosan Infracore Co.,Ltd
Engine Configuration	6-cylinder in line, 4-stroke, Exhaust gas turbocharged, Air-to- Air cooled
Speed Control System	Electron speed controller
Start Mode	24V Direct Current Start Including alternator & battery
Fuel System	Zexel direct spray "P"model pump
100% Load Fuel Consumption (L/h)	43.1
Total Engine Displacement (L)	8.071
Exhaust Air Flow (m ³ /min)	450
Air consumption (m ³ /min)	13.9
Exhaust gas Flow (m ³ /min)	≤38.8
Exhaust gas Temperature (°C)	≤530
Oil Capacity (L)	15.5
Coolant Capacity (L)	48.5
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(STAMFORD brand.)
Generator model	UCI274H1
Rated Voltage/Frequency	400V/230V, 50Hz
Power Factor/Connective Wire Type	0.8 lag, 3-phase,4-line Y type circling to connect
Stable Frequency Change Rate	≤5%
Free load voltage Regulator Range	≥95% ~ 105%
Stable Voltage Regulator	≤±1%
Insulation Class/Protection Grade	H Class/IP23
Telephone Influence Index	TIF < 50
Telephone Harmonic Index	THF < 2%
Dimension without fuel tank on base(mm)	2650×950×1400
Weight without fuel tank on base (kg)	1800

*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