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ADG220WS

Standby Diesel Generator

POWERED BY

WEICHAI

World's largest manufacturer of diesel engines

SENCI

ALTERNATOR

Prime Power	Standby Power	Rated Voltage	Rated Current	Frequency	Phase
200kVA / 160kW	220kVA / 176kW	230/400V	289A	50Hz	Three

DIESEL GENERATOR SET

Engine Make/Model	Weichai / WP10D200E200
Alternator Make/Model	Senci / SC274H
Control Panel	Mebay / DC42DMK IV
Starting Method	Electric Start
Operating Temperature	-15°C ~ +40°C
Noise Level (@ 7m)	≤85dB
Power Factor	0.8
Waveform Distortion Rate	T.H.D≤5 %
Fuel tank capacity (L)	400L
Dust and Water Resistance Level	IP22

Prime Power - Unlimited hours usage with an average load factor of 80 % of the published Prime power over each 24 hours period. A 10 % overload is available for 1 hour in every 12 hours operation.

Standby Power - Limited to 500 hours annual usage with an average load factor of 80 % of the published Standby power rating over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted on Standby power.

DIMENSIONS	Length	Width	Height	Weight
	3420mm	1330mm	1870mm	2580Kg

ENGINE SPECIFICATIONS

Make / Model	Weichai / WP10D200E200
Main Power	182kW@1500rpm
Displacement(L)	9.726L
Cooling Method	Water Cooled
Speed Control Mode	Electronic Speed Control
Intake Method	Turbocharged Intercooler
Starting Method	Electrical
Bore / Stroke	130×126 mm
Flywheel Housing Interface	SAE1#/14#
Emission Standard	Non
Water Temperature Sensor Type	Resistor
Oil Pressure sensor type	Resistor
Diesel prefilter type	Power
Diesel filter type	Power

ELECTRICAL SYSTEM

Controller Model	Mebay / DC42DMK IV
Power Switch	NP2-BD21/2 Gears/1 Normally Open
Emergency Stop Button	NP2-BS545
Floating Power Supply	BCC6A MK2-24V
Output Circuit Breaker	NXM-320S /3300/3P/320A
Current Transformer	BH-0.66/501/400:5/0.5 Level / Single Turn

POWER SYSTEM

Battery Specifications	12V/100Ah
Battery Brand	Baosheng
Battery Switch Model	JK451
Battery Switch Brand	Sinotruk

COOLING SYSTEM

Status	50°C aluminum water tank
Manufacturer	Weichuang

MUFFLER SYSTEM

Specification	Box Configuration
Material	Iron
Rain Cap	Belt
Surface	Baked Black Matte High Temperature Paint

Note: Specifications are subject to change without prior notice due to ongoing research and product development.