AiPOWER

ADG45WS DIESEL SILENT GENERATOR - 45KVA PRIME / 50KVA STANDBY

SPECIFICATIONS

1. ENGINE
Weichai high-performance four stroke heavy duty high performance industrial type diesel e

2. ALTERNATOR
Senci high performance alternator

3. COOLING RADIATOR
Radiator and cooling fan designed to cool the engine at high ambient temperatures

4. EXHAUST SYSTEM
Heavy duty Industrial Exhaust Silencer

5. FUEL SYSTEM
Incorporated with an integral fuel tank with a capacity of approx. 8 hours running at Full Lo

6. FACTORY TESTS
The Generating set is load tested before dispatch, and its systems are checked
before dispatch.
In line with continuous product development, we reserve the right to change specifications without notice.

MODEL	ADG45WS	
Output	Prime Output	40KVA / 32kW
	Standby Output	45KVA / 36kW
	Rated Voltage（V）	400V
	Max Current Output（A）	64.8
	Rated Frequency（Hz）	50
	Power Factor	0.8
	Protection Class	IP33
Engine	Engine Make	WEICHAI
	Engine Model	WP2.3D48E200
	Rated Power / KW	48
	Starting System	Electrical Start
	Combustion Chamber System	Direct Injection
	Number of Cylinders	4
	Displacement (L)	2.54L
	Fuel Tank Capacity (L)	100L
	Oil Capacity (L)	8L
	Fuel Consumption 100% Load (L/H)	12Hrs
	Speed Adjust Method	Electron Speed Regulator
	Induction System	Naturally Aspirated
	Cooling System	Water Cooling
Alternator	Make	Senci
	Model	QYI-224D
	Rated Power (KW)	40
	Rated Speed（r/min）	1500
	Insulation Class	Class H
	Ingress Protection	IP23
	Mode of Connection	Three - Phase Four - Wire, Y - Type Connection
	Mode of Adjust	AVR（Automatic Voltage Regulator）
	Frequency	50Hz
	Power Factor	COSΦ=0.8（Hysteresis）
Control Panel	Display Format	LED/DC42D
	Monitoring Content of Diesel Engine	Oil pressure, water temperature, engine speed, battery voltage, frequency
	Integrated Supervision	Voltage, current, three-phase detection
	Protection Function	Low oil pressure, overspeed, high water temperature, overcurrent and other anomalies
Packaging	Dimension (L*W*H,mm)	2250x1000x1250
	Gross Weight (Kgs)	1000Kgs