



## ADG110WS DIESEL SILENT GENERATOR - 100KVA PRIME / 110KVA STANDBY

### SPECIFICATIONS

#### 1. ENGINE

Weichai four stroke heavy duty high performance industrial type diesel engine.

#### 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 Load.

#### 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 ADG110WS

Output	Prime Output	100KVA / 80kW
	Standby Output	110KVA / 88kW
	Rated Voltage (V)	400V
	Max Current Output (A)	144
	Rated Frequency (Hz)	50
	Power Factor	0.8
	Protection Class	IP33
Engine	Engine Make	WEICHA
	Engine Model	WP4.1 D 1 OOE200
	Rated Power / KW	100
	Starting System	Electrical Start
	Combustion Chamber System	Direct Injection
	Number of Cylinders	4
	Displacement (L)	4.087L
	Fuel Tank Capacity (L)	126L
	Oil Capacity (L)	13L
	Fuel Consumption 100% Load (L/H)	16Hrs
	Speed Adjust Method	Electron Speed Regulator
	Induction System	Naturally Aspirated
Alternator	Make	Senci
	Model	QYI-274C
	Rated Power (KW)	80
	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)	2750x1000x1370
	Gross Weight (Kgs)	1450Kgs