

# ADG110WS

## STANDBY DIESEL GENERATOR



### TECHNICAL DATA

	MODEL	ADG110WS
ITPL	Prime Output	100KVA / 80kW
	Standby Output	110KVA / 88kW
	Rated Voltage	400V
	Max Current Output	144A
	Frequency	50Hz
	Power Factor	0.8
	Protection Class	IP33
ENGINE	Engine Make/Model	WP4.1.D100E200/WEICHA
	Rated Power	100kW
	Starting Method	Electrical Start
	Combustion System	Direct Injection
	Number of Cylinders	4
	Displacement	4.087L
	Fuel Tank Capacity	126L
	Oil Capacity	13.0L
	Fuel Consumption	16Hrs (100 %Load)
	Speed Adjust Method	Electron Speed Regulator
AL	Induction System	Naturally Aspirated
	Cooling System	Water Cooling
	Make / Model	Senci / QYI-274C
	Rated Power / Speed	80kW / 1500rpm
	Insulation Class	Class H
	Ingress Protection	IP23
	Mode of Connection	3-Phase 4- Wire, Y-Type
	Mode of Adjust	AVR
	Frequency	50Hz
	Power Factor	COSΦ=0.8 ( Hysteresis )
	Display Format	LED/DC42D
	Gross Weight (Kgs)	1450Kgs
	Dimension (L*W*H)	2750x1000x1370mm



### FEATURES

#### ◆ ENGINE

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

#### ◆ ALTERNATOR

Senci high performance alternator

#### ◆ COOLING RADIATOR

Radiator and cooling fan designed to cool the engine at high ambient temperatures

#### ◆ EXHAUST SYSTEM

Heavy duty Industrial Exhaust Silencer

#### ◆ FUEL SYSTEM

Incorporated with an integral fuel tank with a capacity of approx. 8 hrs running at Full Load.

#### ◆ FACTORY TESTS

The Generating set is load tested before dispatch, and its systems are checked before dispatch.