

POWER YOUR FUTURE

FAWDE Generator

FAW15X

4DW81-23D

Prime Power: 12KW/15KVA

Standby Power: 13KW/17KVA



GENERATING POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.
Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.

SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

FAWDE Series

15KVA--375KVA



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Technical Data

FAW15X

Model		FAW15X
Rated prime power	kva	15
Rated standard power	kva	17
Rated voltage line to line	V	400/230
Rated current	A	22
Maximun sound level	dB(@7m)	≤75

Engine-FAWDE		
Model		4DW81-23D
Air intake system		Natural
Fuel injection system		Direct Inject
No. cylinders		4
Displacement	Liquid	2.27
Bore*Stroke	mm	85*100
Compression ratio		17
Rated speed	r/min	1500
Rated net power(with fan)	Kw	17
Governor type		Mechanical
Start Motor	V	12

Exhaust System		
Exhaust gas flow	m³/min	4.2
Exhaust gas temp	°C	550
Max back pressure	kPa	6.7

Air Intake System		
Max intake restriction	kPa	3.7
Consumption	m³/min	1.4
Fan consumption	kW	1.2

Fuel System		
100% load(Prime power)	L/h	4.2
75% load(Prime power)	L/h	3.2
50% load(Prime power)	L/h	2.1
Fuel tank capacity	L	45

Lubrication System		
Total system oil capacity	L	7.8
Oil consumption	L/h	0.05
Min oil pressure	kPa	262-359
(continuous operation)		

Cooling System		
Total coolant capacity	L	6
Thermostat	°C	82-95
Max top tank temperature	°C	112

Alternator		
Model	LONGKAI	LK164D
	STAMFORD	PI044G
Phase		3
Voltage	V	400/230
Wiring Type		3 Phase 4 wire, Y type
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KVA	15
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEESEA

Model DSE4520

Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



Control Module Options



- Auto generator control module
- Control module with " Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Standard Features

- Engine(Fawde)
- Radiator 50°C max,fans are driven by belt
- 24V charge alternator
- Alternator: single bearing alternator IP23, insulation class H/H
- Standard auto control system
- One set of air filter, fuel filter, oil filter
- Main line circuit breaker/MCCB
- Base fuel tank
- Two 12V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler)
- User manual

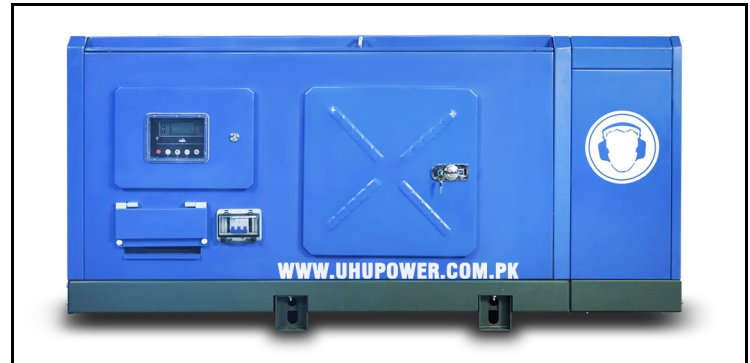
Options

- Battery charge
- Engine heater
- Alternator heater
- PMG
- Water oil separator
- Daily fuel tank
- Remote control panel
- Automatic transfer switch/ATS
- Switch box
- Standard: ● Options:○

More information, pls refer to our web-site: www.uhupower.com.pk

Manufacturer reserves the right to make changes in model, technical specification, color, equipment and accessories without notice.

Unit Dimensions(Basic unit)



Silent Type

L*W*H	mm	1600*740*825
Weight	kg	500

Warranty*

Fawde Engine

12 months from date of purchase and 1000 hours.

Generator

12 months from date of purchase or 1000 hours (whichever occurs first).