

POWER YOUR FUTURE

FAWDE Generator

FAW30X

4DW92-35D

Prime Power: 22KW/27KVA

Standby Power: 24KW/30KVA



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

FAW30X

Model	FAW30X	
Rated prime power	kva	27
Rated standard power	kva	30
Rated voltage line to line	V	400/230
Rated current	A	43
Maximun sound level	dB(@7m)	≤75

Engine-FAWDE

Model	4DW92-35D	
Air intake system	Natural	
Fuel injection system	Direct Inject	
No. cylinders	4	
Displacement	Liquid	2.54
Bore*Stroke	mm	90*100
Compression ratio	17	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	29
Governor type	Electronic	
Start Motor	V	12

Exhaust System

Exhaust gas flow	m ³ /min	6.7
Exhaust gas temp	°C	450
Max back pressure	kPa	6.7

Air Intake System

Max intake restriction	kPa	3.7
Consumption	m ³ /min	2.4
Fan consumption	kW	1.8

Fuel System

100% load(Prime power)	L/h	5.2
75% load(Prime power)	L/h	4.5
50% load(Prime power)	L/h	3.7
Fuel tank capacity	L	50

Lubrication System

Total system oil capacity	L	8
Oil consumption	L/h	0.04
Min oil pressure	kPa	262-359
(continuous operation)		

Cooling System

Total coolant capacity	L	9
Thermostat	°C	82-95
Max top tank temperature	°C	112

Alternator

Model	LONGKAI	LK184G
	STAMFORD	PI144G
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	20
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller-DEESEA

Model	DSE4520
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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

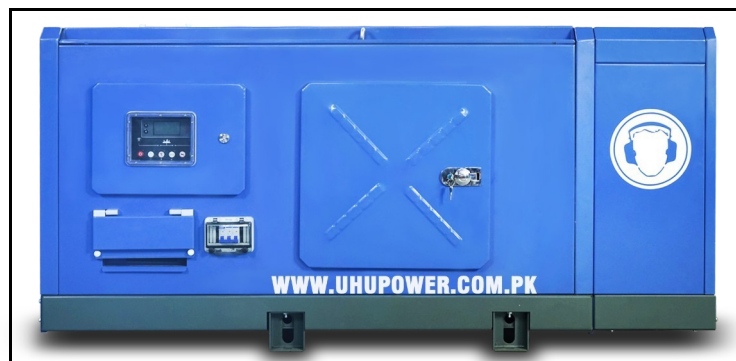
Options

- 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	1800*740*825
Weight	kg	550

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).