

POWER YOUR FUTURE

ISUZU Generator

4JB1TA

Prime Power: 30KW/38KVA

Standby Power: 33KW/42KVA



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.

Technical Data

Model		JG30I
Rated prime power	kva	40
Rated standard power	kva	42
Rated voltage line to line	V	400/230
Rated current	A	57,7
Maximun sound level	dB(@7m)	90

Engine

Alternator

Model	STAMFORD	PI144H
Phase		3
Voltage	V	400/230
Wiring Type		3 Phase 4 wire, Y type
Bearing		1
Power factor		0,8

Model		4JB1TA
Aspiration		Turbo, Inter-cooled
Fuel system		A type
No. cylinders		4 in line
Displacement	Liquid	2,771
Bore*Stroke	mm	93*102
Compression ratio		18,2
Rated speed	r/min	1500
Rated net power(with fan)	Kw	36
Governor type		Mechanical
Start Motor	V	12

Exhaust System

Exhaust gas flow	m ³ /min	9,01
Exhaust gas temp	°C	500
Max back pressure	kPa	15

Aspiration System

Max inlet pressure	kPa	8,95
Combustion volume	m ³ /min	2,91
Air flow	m ³ /min	96

Fuel System

100% load(Prime power)	L/h	4,9
75% load(Prime power)	L/h	3,9
50% load(Prime power)	L/h	2,8
Fuel tank capacity	L	120

Lubrication System

Oil capacity	L	5,5
Oil consumption	g/kwh	≤4
Oil pressure	kPa	1155
(continuous operation)		

Cooling System

Coolant capacity	L	4,5
Thermostat operation range	°C	82-95
Max water temperature	°C	104

Standard Features

- Engine isuzu
- Radiator 50°C max, fans are driven by be
- 12V 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

Frequency	Hz	50
Prime power	KVA	38
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEEPSEA

Model DSE6120

Protective functions:

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

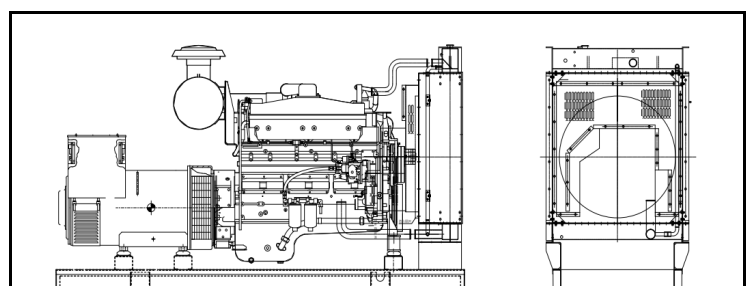


Control Module Options

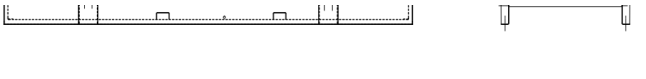


- Auto generator control module
- Control module with " Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Unit Dimensions(Basic unit)

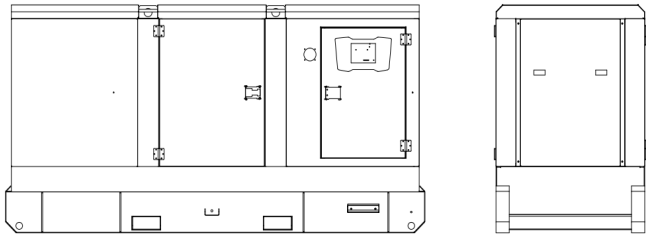


- Base fuel tank
- Two 24V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler)
- User manual

		
Open Type		
L*W*H	mm	1600*720*900
Weight	kg	600

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:○

		
Silent Type		
L*W*H	mm	2280*950*1280
Weight	kg	1000

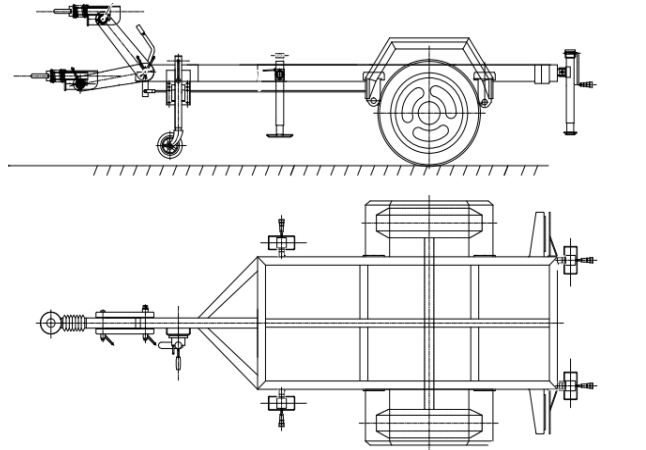
Warranty*

Forward Engine

12 months from date of purchase and 1000 hours.

Generator

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

		
Trailer Option		
L*W*H	mm	3300*1750*950
Max loading weight	kg	1050