

POWER YOUR FUTURE

Diesel Generator

UI35

ISUZU JE493ZDB-04

Prime Power: 30KVA

Standby Power: 35KVA



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.

Isuzu Series

20KVA--60KVA



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Technical Data

UI35

Model		UI35
Rated prime power	kVA	30
Rated standard power	kVA	35
Rated voltage line to line	V	400/230
Rated current	A	43.3
Maximun sound level	dB(@7m)	76

Engine		
Model		JE493ZDB-04
Aspiration		Turbocharged
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	28
Governor type		Mechanical
Start Motor	V	12

Exhaust System		
Exhaust gas flow	m ³ /min	7.86
Exhaust gas temp	°C	500
Max back pressure	kPa	15

Aspiration System		
Max inlet pressure	kPa	8.95
Combustion volume	m ³ /min	2.55
Air flow	m ³ /min	96

Fuel System		
100% load(Prime power)	L/h	5.2
75% load(Prime power)	L/h	4.5
50% load(Prime power)	L/h	3.5
Fuel tank capacity	L	50

Lubrication System		
Oil capacity	L	5.6
Oil consumption	g/kwh	≤4
Oil pressure	kPa	895
(continuous operation)		

Cooling System		
Coolant capacity	L	4.5-5
Thermostat operation range	°C	82-95
Max water temperature	°C	104

Alternator		
Model	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	30
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEEPSEA		
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



Warranty*

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



Disclaimer: In line with continuous product development, we reserve the right to change specifications without prior notice