



CONFIGURATION:

Standard: Engine, alternator, cooling system, Base frame, shock absorber, air system, control box, plastic fan blades (when the engine and water tank do not bring).

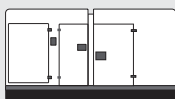
Optional: Water jacket heater, oil preheater, anti-condensation heater, fuel water separator, fuel heater, fuel level sensor, water level sensor, automatic fueling system(only supporting base frame including fuel tank).

Accessories: Silencer, bellow, exhaust silencing system accessories(with the matching engine), regular battery, data of generators, random tool(with the matching engine).

FETURES

- > Powered by ISUZU engine with reliable power output
- > Easy maintenance and operation
- > Compact design
- > With forklift pockets and lift point for transportation
- > Suitable for all weather conditions

Basic Information



Engine		ISUZU JE493DBE-04
Alternator		Stamford PI144D
Controller		DSE6020
Prime Power	KVA/KW	20/16
Standby Power	KVA/KW	22/17.6
Rated Speed	RPM	1500
Rated Frequency	HZ	50
Rated Voltage	V	415/240
Phase		3
Power Factor		0.8
Governer method		Electronic
Rated Current	A	27.8
Fuel Consumption @ 100% Load	L/H	5.5
Dimmension	LxWxH mm	2060*900*1280
Dry Weight	Kg	720
Fuel Tank Size(8H)	L	50
Noise Level @ 7 meters	dBA	72

Note:

- (1) **Prime Power:** Prime power is available for an unlimited number of annual operating hours in variable load applications; in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation, in accordance with ISO3046-1.
- (2) **Standby Power:** Standby power is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.
- (3) The following voltages can be customized on requirement: single phase - 220V/230V/240V; three phase - 380/220V, 400/230V, 415/240V, 440/254V.
- (4) We reserve the right to modify the specifications without prior notice. All ratings are for guidance only, please refer to the final specific generator information from us.

Engine Specification

Model	JE493DBE-04
Manufacturer	ISUZU
Number of cylinders	4
Cylinder arrangement	Vertical
Cycle	Four stroke
Induction system	Natural aspirated
Compression ratio	18.2:01
Bore x Stroke	93x102 mm
Displacement L	2.771
Estimated total weight (dry) kg	230
Rated power at 1500rpm KW	21
Lubrication oil capacity L	5.6
Exhaust temperature (°C)	< 500
Minimum fuel consumption (g/kW.h)	≤230
Silencer type	Industrial
Oil pressure (MPa)	0.1 – 0.50
Type of oil	≥API CF-4
Type of coolant	Glycol mixture
Lubricating method	Pressure lubrication and splash
Steady speed adjusting ratio at rated condition	≤1%
Alternator capacity V-A	14- 50
Starter capacity V-KW	12 -2.8
Governer method	Electronic
Starting system	Electric motor start

Alternator Specification

Model	PI144D
Frequency and Speed	50Hz/1500rpm
Manufacturer	Stamford
Prime capacity(kVA)	20
Exciter type	Brushless
Insulation	Class H
Protection	IP23
Rated power factor	0.8
Stator winding	Double layer concentric
Winding pitch	two thirds
Winding leads	12
Maximum over speed	2250Rev/min
THF (Wave Form IEC)	<2%
TIF (Wave Form NEMA)	<50
Voltage regulation	1.00%