

INDOTARA

www.indotara.co.id

Jakarta - Head Office

Graha Kencana Building
Lantai 10 Suite 10F
Jl. Raya Perjuangan No. 88
Kebon Jeruk, Jakarta Barat 11530
Phone : 021 - 5020 3030
Email : sales@indotara.co.id

Bandung Office

Wisma HSBC
Lantai 6 Suite B
Jalan Asia Afrika No.116,
Kota Bandung, Jawa Barat 40112
Phone : 022 - 310 30 800
Email : sales-bdg@indotara.co.id

Surabaya Office

Bumi Mandiri Tower I
Lantai 10 Suite 1008
Jl. Jend.Basuki Rachmat 129-137,
Surabaya 60271
Phone : 031 - 3313 3333
Email : sales-sby@indotara.co.id

Medan Office

Kompleks MMTC WAREHOUSE
Blok C-7
Jl. Pasar V, Pancing,
Medan, Sumut 20371
Phone : 061-8003 2324
Email : sales-mdn@indotara.co.id

IWATA

HEAVY DUTY POWER GENERATOR
ヘビーデューティ パワー ジェネレーター

ISUZU
ENGINES

- ▶ Increased transport efficiency
- ▶ Superior resale value
- ▶ High Performance
- ▶ Service efficiency
- ▶ Quality Control
- ▶ Low Emission



RATED POWER : 1W 20IS - 20KW

1W 25IS - 24KW

1W 35IS - 32KW

IWATA SILENT GENERATOR

Your electrical connection

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GENERATOR SPECIFICATION

Model	IW 20IS	IW 25IS	IW 35IS
Rated Power (kw)	20	24	32
Max Power (kw)	22	26.4	36
Rated Voltage (V)	230/400	230/400	230/400
Rated Current (A)	36.1	43.4	57.7
Rated Speed r/min	1500	1500	1500
Start Mode	12V	12V	12V
Fuel Tank Capacity (L)	70	70	70
Operational time on single tank fuel (hrs)	11.5	11	10
Noise Level (dB (A)7m)	62	62	62
Dimension L.W.H (mm)	2000*850*1060	2000*850*1060	2100*850*1060
Net Weight (Kg)	860	860	880

ENGINE SPECIFICATION

Engine Model	ISUZU-4JB1	ISUZU-4JB1T	ISUZU-4JB1TA
Engine Manufacturer	ISUZU	ISUZU	ISUZU
Borex Stroke (MM)	93*102	93*102	93*102
Displacement (L)	2.771	2.771	2.771
12hrs Power (kw)	24	28	38
Fuel Consumption L/h	6.1L/h	6.5L/h	7.2L/h
Engine Type	Water cooled , 4-stroke,Direct injection, Turbo charged, Intercooler		
Cylinder No.	4	4	4
Compression Ratio	18.2:1	18.2:1	18.2:1
Starting Motor (V-Kw)	12V-3KW	12V-3KW	12V-3KW
Charging Alternator (V-W)	14V-500W	14V-500W	14V-500W

ALTERNATOR SPEC

Circulated Type	3Phase, 4 wires , Y type connection		
Excitation Mode	Brushless Self-Excitation and constant voltage (AVR)		
Power factor cos φ	0.8 (lag)	0.8 (lag)	0.8 (lag)
Pole Number	4	4	4
Insulation	H	H	H
Over Excitation Protechion	IP23	IP23	IP23
Voltage Regulator	AVR SX460	AVR SX460	AVR SX460
Voltage Regulator NL-FL	±5%	±5%	±5%



- **Performance**
 - Carefully selected components
 - Accurately developed and tested configuration
- **Quality Control**
 - International standard testing procedure
 - Professional manufacture team
- **Service efficiency**
 - Humanization design and improvements
 - Superior accessibility to all service points
- **Increased transport efficiency**
 - Compact and safe concept
 - Sturdy design
- **Superior resale value**
 - Designed and built to last

Controller-Deepsea



DSE3110



DSE6020

Controller-Deepsea DSE3110

Standard function

Engine control

Generator protection

Generator monitoring

Specification display

Display

Frequency

Running hour

Battery voltage

Warning/shutdown

Under/over voltage

Under/over frequency

High water temperature

Under/over speed

Low oil pressure

Communication port

USB

Controller-Deepsea DSE6020

Standard function

Engine control

Generator protection

Generator monitoring

Specification display

Display

Voltage Current

Frequency Fuel level

Oil pressure Rated power

Running hour Battery voltage

Warning/shutdown

Under/over voltage Under/over speed

Under/over frequency Low oil pressure

Over load High water temperature

AMF

Communication port

RS232, RS485, S-USB