



KOTENGEN
POWER SOLUTION

KI45D6

SILENT DIESEL GENERATOR

220V / 60Hz 3 PHASE

• GENSET POWER

Prime Power	45 KVA / 36KW
Standby Power	50 KVA / 40KW

• GENERAL INFORMATION

Engine	Isuzu
Alternator	Koten
Controller	Smartgen
Governor	Mechanical
Frequency	60Hz
Phase	3Ph
Power factor	0.8
Fuel tank capacity	8hrs
Engine start voltage	12V
Noise Level	72dBA

• ENGINE

Brand	ISUZU
Model	JE493ZLDB-01
Fuel injection system	Direct Inject diesel
No. of cylinders	4
Bore	93mm
Stroke	102mm
Compression ratio	18.2:1
Displacement	2.771L
Engine speed	1800 RPM
Rated power	46KW

• ALTERNATOR

Brand	Koten
Model	KA-184H
Insulation type	Class 'H'
Winding Pitch	2/3
Voltage regulation	±0.5



CONTROLLER
Smartgen 6120

VOLTAGE OPTIONAL

208 / 120 V	220 / 127 V
240 / 139 V	380 / 220 V
440 / 254 V	460 / 265 V

DIMENSION

Length (L)	2100 mm
Width (W)	910 mm
Height (H)	1130 mm
Weight	935 KG

SILENT

FUEL CONSUMPTION 1500RPM (L/HR)

100% Prime power	11.2 L/hr
75% Prime power	8.40 L/hr
50% Prime power	5.60 L/hr

Genset Optional

- Genset Color
- Engine water pre-heater
- Daily fuel tank
- ATS
- ComAp/Deepsea Controller

Quality Standards

- ISO9001:2000
- ISO8528 BS4999
- BS5514, AS1359,
- ICE34 CE Compliance

Warranty

- 1 Year

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