



# KF45D6

## SILENT DIESEL GENERATOR

220V / 60Hz 3 PHASE

### • GENSET POWER

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

### • GENERAL INFORMATION

Engine	Fawde
Alternator	Koten
Controller	Smartgen
Governor	Electronic
Frequency	60Hz
Phase	3Ph
Power factor	0.8
Fuel tank capacity	8hrs
Engine start voltage	24V
Noise Level	72dBA

### • ENGINE

Brand	FAWDE
Model	4DX21-61D
Fuel injection system	Direct Inject diesel
No. of cylinders	4
Bore	102 mm
Stroke	118 mm
Compression ratio	17.5:1
Displacement	3.86 L
Engine speed	1800 RPM
Rated power	44 KW

### • 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)	2200 mm
Width (W)	900 mm
Height (H)	1100 mm
Weight	1015 KG

### SILENT

### FUEL CONSUMPTION 1500RPM ( L/HR)

100% Prime power	7.88 L/hr
75% Prime power	6.35 L/hr
50% Prime power	5.12 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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