

DG22KSEm

Diesel Generator

Single Phase



Model: **DG22KSEm**
 Frequency: **50Hz**
 Fuel type: **Diesel**
 Phase: **Single**
 Standby: **22kVA**

- Reliable heavy-duty industrial diesel and low emissions engine
- Standard ComAp electronic control system with remote start/stop function
- Sound reduced and weather protected enclosure
- Comprehensive warranty and service

TECHNICAL SPECIFICATIONS

Model	DG22KSEm			
Prime Power	kVA/kW	20/20		
Standby Power	kVA/kw	22/22		
Power Factor		1		
Rate Voltage	V	230		
Fuel Consumption	Kg/hour	Fuel consumption100% (of the Prime Power)	8.1	
		Fuel consumption75% (of the Prime Power)	6.2	
		Fuel consumption50% (of the Prime Power)	4.6	
		Fuel consumption25% (of the Prime Power)	2.8	
Fuel Tank Capacity (Base Frame)	Litre	93		
Running Time	Hour	10		
Noise Level	dB(A)@7m	69		
Dimensions and Weight	Length	Width	Height	Weight
	2200 mm	950 mm	1250 mm	1030 kg

ENGINE SPECIFICATIONS

Model	D4102
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	4 / Inline
Displacement	3.8 mm
Bore and Stroke	102 mm × 105 mm
Compression Ratio	18
Aspiration	Natural
SAE	3/10.0
Lubricant Capacity	7.5 L
Cooling	Water

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ALTERNATOR SPECIFICATIONS

Model	184F
Structure	Single Bearing, Brushless
Excitation Mode	Self Excitation
Protection Class	IP23
Insulation Class	H
TIF	>50
THF	<2%
Air Flow	0.095 m ³ /s
AVR model	SX460

EXHAUST SYSTEM

Exhaust Gas Flow	2.5 m ³ /min
Exhaust Gas Temperature	400°C
Max Back Pressure	5 kPa

AIR SYSTEM

Engine Air Flow	2.1 m ³ /min
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COOLANT SYSTEM

Coolant Capacity	10.2 L
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Note: All data sheets are for reference only and subject to change without prior notice.

CONTROL PANEL

InteliLite	MRS10
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KEY FEATURES

- Compact gen-set controller for single operating genset
- Manual and remote start capability
- Full gen-set monitoring and protection
- Multiple languages (user changeable) in controller
- Plug-in module concept for more capabilities (RS232, RS485, USB and Internet)
- True RMS measurement
- 6 binary outputs, 6 binary inputs, 3 configurable analog inputs
- Fault history



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