



# Power



Images are for illustration purpose only

### ENGINE

BAUDOUIN heavy duty diesel engine  
4-cycle, water cooled, turbocharged

Direct injection

12/24 Volt starter and charge  
alternator with battery, rack and  
cables

Replaceable air, fuel and oil filter

Industrial type radiator

Flexible fuel piping

Oil sump drain valve and extension  
pipe

Industrial/Residential type exhaust  
silencer.

Jacket Water Heater

Diesel gen-set maintenance and  
operating instructions and electrical  
circuit diagram

### ALTERNATOR

Brushless, single bearing, 4-pole  
alternator coupled with flexible disc  
coupling

H type insulation class

IP 23 protection

Self exciting

Electronic AVR

### CONTROL PANEL

DeepSea mains sensing or remote  
start control module

Emergency stop push button

Output circuit breaker

Static battery charger

Ready for remote monitoring

### CANOPY

Modular type sound-proof canopy

Built from galvanized steel and epoxy,  
polyester powder painted

Lockable doors on both sides of  
canopy designed for easy access to  
essential replacement parts

Emergency stop push button

Control Panel viewing window

Bunded base fuel tank (Optional)

Forklift Pockets (Optional)

Power cable entry with a gland plate

### Standby Power

Applicable for supplying  
power to varying electrical  
load for the duration of  
power interruption of a  
reliable utility source,  
Overload is not allowed.

### Prime Power

The maximum power  
which a generating set is  
capable of delivering con-  
tinuously whilst supplying  
a variable electrical load.  
Average load should be  
70%.The generator can  
be overloaded 10% for 1  
hour per 12 hrs.

### Base Power

Continuous power rating  
is used in applications  
where supplying power is  
at a constant 100% load  
for an unlimited number  
of hours each year.



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Registered in England & Wales No:11023250

MOTEURS  
**Baudouin**



MODEL		EAB900	EAB1000	EAB1120	EAB1250	
OUTPUT	Standby	kVA	900	1000	1120	1250
		kW	720	800	896	1000
	Prime	kVA	818	900	1020	1150
		kW	654	720	816	920
ENGINE	Engine	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	
	Model	12M26G900/5	12M26G1000/5	12M26G1100/5	12M33G1250/5	
	Configuration	V	V	V	V	
	No. of Cylinders	12	12	12	12	
	Speed	rpm	1500	1500	1500	1500
	Displacement	l	31.8	31.8	31.8	39.2
	Bore x Stroke	mm	150 x 150	150 x 150	150 x 150	150 x 185
	Compression Ratio		15.7:1	15.7:1	15.7:1	15:1
	Aspiration		Turbocharged	Turbocharged	Turbocharged	Turbocharged
	Governor Type		Electronic	Electronic	Electronic	Electronic
	Cooling		Water	Water	Water	Water
	Coolant Capacity	l	191	191	191	240
	Lubrication Oil Capacity	l	109	109	109	155
	Fuel Consumption l/h	100%Load	173.7	195.5	207.1	236.2
		75% Load	133.1	145.5	155.3	175
50%Load		90.8	100.8	106.6	119.5	
ALTERNATOR	Phase	3	3	3	3	
	Pole	4	4	4	4	
	No. of Leads	12	12	12	12	
	Excitation System	AVR	AVR	AVR	AVR	
	Insulation Class	H	H	H	H	
	IP Protection	IP23	IP23	IP23	IP23	
	Power Factor	0.8	0.8	0.8	0.8	
	Frequency	Hz	50	50	50	50
	Voltage	V	400	400	400	400
SIZE	Canopy Set Dimensions (LxWxH) & Weight	mm	5150 x 2200 x 3250	5150 x 2200 x 3250	5150 x 2200 x 3250	5450 x 2400 x 3470
		kg	11183	11183	11183	13146
	Open Set Dimensions (LxWxH) & Weight	mm	4900 x 2200 x 2780	4900 x 2200 x 2780	4900 x 2200 x 2780	5200 x 2400 x 2676
		kg	9478	9478	9478	11296
	Fuel Tank Capacity	l	1928	1928	1928	2072

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### CONTROL MODULE

DSE 7 Series Control Module

State of the art, microprocessor controlled

4line, 64 x 132 pixel display LCD display

Automatic mains failure sensing

Front panel manual programming

User friendly setup and button layout

Remote start

Event logging, showing date and time

Stop/Reset, Manual

### Displays

Engine Speed (rpm)

Oil pressure

Fuel Level (%)

Coolant temperature

Running Hours

Battery voltage monitoring

Generator Voltage (LL. LN)

Generator Current (L1-L2-L3)

Generator Frequency (Hz)

Generator Load & Power Monitoring (kW. kVA. kVAR.

pf)

Mains Voltage (LL. LN)

Mains Frequency

Generator Set Ready

Mains Ready



### Alarms

High coolant temperature

Low Fuel Level

Low oil pressure

Charge failure

Battery Low/High voltage

Fail to start

Fail to stop

High/Low Generator voltage

Generator Over/Under frequency

Generator Over/Under Speed