EA 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 continuously 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.

CE   ISO 9001   ISO 14001

MOTEURS Baudouin

	MODEL		EAB22	EAB27	EAB35	EAB44
OUTPUT	Standby	kVA	22	27	35	44
		kW	18	22	28	35
	Prime	kVA	20	25	32	40
		kW	16	20	25	32
ENGINE	Engine		BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	Model		4M06G20/5	4M06G25/5	4M06G35/5	4M06G44/5
	Configuration		INLINE	INLINE	INLINE	INLINE
	No. of Cylinders		4	4	4	4
	Speed	rpm	1500	1500	1500	1500
	Displacement	l	2.3	2.3	2.3	2.3
	Bore x Stroke	mm	89 x 92	89 x 92	89 x 92	89 x 92
	Compression Ratio		17.5:1	17.5:1	17.5:1	17.5:1
	Aspiration		Natural	Natural	Turbocharged	Turbocharged
	Governor Type		Electronic	Electronic	Electronic	Electronic
	Cooling		Water	Water	Water	Water
	Coolant Capacity	l	16	16	16	16
	Lubrication Oil Capacity	l	9.5	9.5	9.5	9.5
	Fuel Consumption l/h	100%Load	4.7	6.1	7.6	9.5
		75% Load	3.6	4.5	5.7	7
		50%Load	2.6	3.2	4	4.7
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	1900 x 900 x 1220	1900 x 900 x 1220	2300 x 1000 x 1420	2300 x 1000 x 1420
		kg	801	801	964	998
	Open Set Dimensions (LxWxH) & Weight	mm	1600 x 900 x 1220	1600 x 900 x 1220	1900 x 1000 x 1420	1900 x 1000 x 1420
		kg	647	647	789	823
	Fuel Tank Capacity	l	82	82	101	101

EA Power Systems reserves the right to make changes in model. technical specifications. color. equipment & accessories without prior notice

CONTROL MODULE

DSE 6 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