BAUDOUIN 1000 - 1100 kVA

TECHNICAL SPECIFICATIONS

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.

CONTINUOUS 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. Continuous power rated units are most widely used in applications where the power grid is unreachable.

ENGINE

- Baudouin heavy duty diesel engine
- 4-cycle, water cooled, naturally aspirated/ turbocharged
- Direct injection
- 24 Volt starter motor 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

ALTERNATOR

- Brushless, single bearing,4-pole alternator coupled with flexible disc coupling
- H type insulation class
- IP 21-23 protection
- Self exciting
- Electronic AVR

CONTROL PANEL

- DSE 7 Series 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

EA Power Systems Ltd.

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Registered in England & Wales No:11023250

BAUDOUIN 1000 - 1100 kVA

MODEL			EABD1000	EABD1100
OUTPUT	Standby	kVA	1000	1100
		kW	800	880
	Prime	kVA	909	1000
		kW	727	800
ENGINE	Engine		BAUDOUIN	BAUDOUIN
	Model		12M26G1000/5e2	12M26G1000/5e2
	Configuration		V	V
	No, of Cylinders		12	12
	Speed	rpm	1500	1500
	Displacement	l	31,8	31,8
	Bore x Stroke	mm	105x150	105x150
	Compression Ratio		15,5 :1	15,5 :1
	Aspiration		Turbocharged	
	Governor Type		Electronic	
	Cooling		Water	
	Coolant Capacity	l	198	210
	Lubrication Oil Capacity	l	113	113
	Fuel Consumption l/h	100%Load	196,8	205
		75% Load	147,2	154,1
		50%Load	101,8	105,7
ALTERNATOR	Phase		3	3
	Pole		4	4
	No, of Leads		12	12
	Excitation System		AVR	AVR
	Insulation Class		H	H
	IP Protection		IP23	IP23
	Power Factor		0,8	0,8
	Frequency	Hz	50	50
	Voltage	V	400	400
SIZE	Canopy Set Dimensions (LxWxH) & Weight	mm	5150 x 2200 x 3425	5150 x 2200 x 3425
		kg	7640	7670
	Open Set Dimensions (LxWxH) & Weight	mm	4900 x 2200 x 3425	4900 x 2200 x 3425
		kg	6790	6820
	Fuel Tank Capacity	l	2000	2000

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CONTROL MODULE

Standard Specifications

- 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, Auto, Test, Start, buttons, toggle display button

Displays

- Engine Speed (rpm)
- Oil pressure.
- 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 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

Shut Downs

- Fail to start,
- Emergency stop
- Low oil pressure,
- High coolant temperature
- Generator Over/Under frequency,
- Generator Over/Under Speed
- High/Low Generator voltage
- Oil pressure sensor open

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