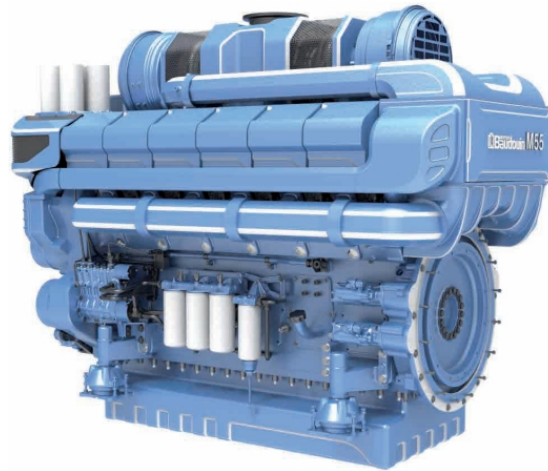


MODEL: BF-BD2750-60
440V | 1800rpm | 60Hz


ESP Standby Power	2750kVA	PRP Prime Power	2500kVA
ENGINE	Baudouin	ALTERNATOR	STAMFORD
	20M33G2200/6		PI734G1

GENERAL FEATURES

Engine: Baudouin 20M33G2200/6

Alternator: single bearing, IP23, insulation class H

40°C radiator, fans are driven by belt, with safety guard

Dry type air filter, fuel filter & oil filter

Vibration damper

Standard control panel

24V charging alternator

Exhaust bellows, elbows, flange & muffler

Lead-acid batteries, rack and cables

User manual

MODEL: BF-BD2750-60**440V | 1800rpm | 60Hz**

GENERATOR RATINGS

Voltage	Hz	Phase	PF (COS Φ)	Standby Amps	Standby Ratings (kW / kVA)	Prime Ratings (kW / kVA)
480/277	60	3	0.8	3308	2200kW/2750kVA	2000kW/2500kVA
460/266	60	3	0.8	3452	2200kW/2750kVA	2000kW/2500kVA
440/254	60	3	0.8	3609	2200kW/2750kVA	2000kW/2500kVA
416/240	60	3	0.8	3817	2200kW/2750kVA	2000kW/2500kVA

Prime Power (PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820 (eqv ISO 8528) ; A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation.

Standby Power Rating (ESP): The standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.

SALES PROMISES

Baifa Power provides a full line of brand new and high quality products. Each and every unit is strictly factory tested.

Warranty is according to our standard conditions: 15 months from the date BAIFA sold to the first buyer or one year after installation or 1000 running hours (accumulated), whichever comes first.

Service and parts are available from Baifa Power or distributors in your location.

**MODEL: BF-BD2750-60****440V | 1800rpm | 60Hz****ENGINE SPECIFICATION**

Manufacturer / Model	Baudouin 20M33G2200/6
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Air intake system	Turbocharged and Aftercooled
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Fuel system	High Pressure Common Rail
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Cylinder arrangement	20 in V
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Displacement	65.4L
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Bore and stroke	150 × 185 mm
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Compression ratio	15
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Rated speed	1800rpm
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Max. Standby power at rated speed	2420kW
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Governor type	ECU
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Exhaust System

Exhaust gas flow	623 m ³ /min
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Exhaust temperature	550°C
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Max back pressure	7.5kPa
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Air Intake System

Max intake restriction	5kPa
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Combustion air flow	189 m ³ /min
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Air flow required for radiator	3480 m ³ /min
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**MODEL: BF-BD2750-60****440V | 1800rpm | 60Hz****Fuel System**

Fuel consumption @ 100% (Prime Power) Load	206.0g/kWh	522.7L/h
Fuel consumption @ 75% (Prime Power) Load	198g/kWh	381.8L/h
Fuel consumption @ 50% (Prime Power) Load	202g/kWh	266.0L/h

Oil System

Total oil capacity	240L
Oil sump capacity	210-240L
Oil fuel consumption ratio based on engine fuel consumption data	$\leq 0.3\%$

Cooling System

Coolant capacity	410L
Max water temperature	103°C



**MODEL: BF-BD2750-60****440V | 1800rpm | 60Hz**

ALTERNATOR SPECIFICATION

Industrial alternators meet the requirements of the relevant parts of the BS5000, VDE 0530, NEMA MG1-22, IEC34, CSA 22.2-100 and AS1359.

Alternator Data

Number of Phase	3
Connecting Type	3 Phase and 4 Wires, Y type connecting
Number of Bearing	1
Power Factor	0.8
Protection Class	IP23
Altitude	≤1000m
Exciter Type	Brushless exciting
Insulation Class/Temperature Rise	H/H
Telephone Influence Factor (TIF)	<50
THF	<2%
Alternator Capacity	2535kVA
Alternator Efficiency	96.0%

**MODEL: BF-BD2750-60****440V | 1800rpm | 60Hz**

GENERATING SET DATA

Related range of voltage setting	$\geq \pm 5\%$
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Steady-state voltage deviation	$\leq \pm 1\%$
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Transient voltage deviation (100 % sudden power decrease)	$\leq +20\%$
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Transient voltage deviation (sudden power increase)	$\leq -15\%$
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Voltage recovery time (100 % sudden power decrease)	$\leq 4S$
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Voltage recovery time (sudden power increase)	$\leq 4S$
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Related range of frequency setting	0-5% adjustable
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Steady-state frequency band	$\leq 0.5\%$
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Transient frequency deviation (100 % sudden power decrease)	$\leq +10\%$
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Transient frequency deviation (sudden power increase)	$\leq -7\%$
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Frequency recovery time (100 % sudden power decrease)	$\leq 3S$
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Frequency recovery time (sudden power increase)	$\leq 3S$
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STANDARD FEATURES

Standard auto control system	Exhaust system (including until muffler)	Documents
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Oil drain valve	Starting batteries (maintenance-free & watering-free) with connective wires	
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MODEL: BF-BD2750-60

440V | 1800rpm | 60Hz

OPTIONS

Daily fuel tank

Rainproof type

Remote control panel

Alternator heater

Soundproof type

Paralleling system

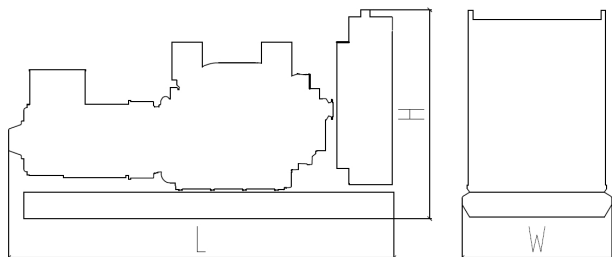
Spare parts

Trailer type

Switch box

Automatic transfer switch

DIMENSIONS & WEIGHT



Standard Configuration (open type)

Overall Dimensions: 6250×2320×2600 mm

Weight: 14000 kg

Specifications are subject to change without notice.

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