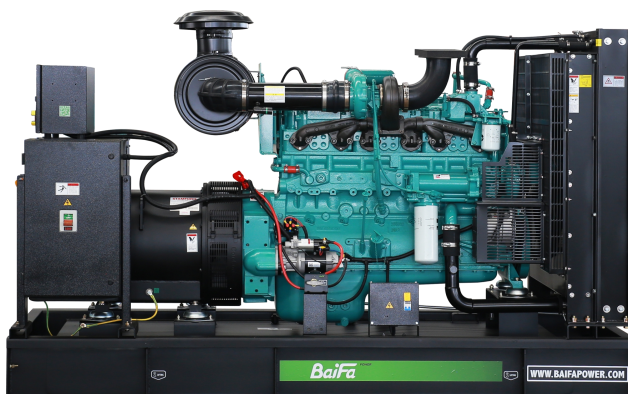


MODEL: BF-C350

400V | 1500rpm | 50Hz



ESP

Standby Power

340 kVA

PRP

Prime Power

310 kVA

ENGINE

CCEC Cummins

MTAA11-G3

ALTERNATOR

STAMFORD

S4L1D-D41

GENERAL FEATURES

Engine: CCEC Cummins MTAA11-G3

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-C350****400V | 1500rpm | 50Hz**

GENERATOR RATINGS

Voltage	Hz	Phase	PF (COS Φ)	Standby Amps	Standby Ratings (kW / kVA)	Prime Ratings (kW / kVA)
440/254	50	3	0.8	446	272/340	248/310
415/240	50	3	0.8	473	272/340	248/310
400/230	50	3	0.8	491	272/340	248/310
380/220	50	3	0.8	517	272/340	248/310

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-C350**400V | 1500rpm | 50Hz****ENGINE SPECIFICATION**

Manufacturer / Model	CCEC Cummins MTAA11-G3
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Air intake system	Turbo, Air/Air cooling
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Fuel system	PT-STC type fuel pump, EFC
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Cylinder arrangement	6 in line
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Displacement	10.8L
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Bore and stroke	125*147(mm)
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Compression ratio	15.0
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Rated speed	1500rpm
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Max. Standby power at rated speed	310KW/421HP
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Governor type	Electronic
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Exhaust System

Exhaust gas flow	57 m ³ /min
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Exhaust temperature	545 °C
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Max back pressure	10kPa
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Air Intake System

Max intake restriction	6.2kPa
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Combustion air flow	23.7 m ³ /min
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Air flow required for radiator	490 m ³ /min
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**MODEL: BF-C350****400V | 1500rpm | 50Hz****Fuel System**

Fuel consumption @ 100% (Prime Power) Load	52.1kg/h	61.3L/h
Fuel consumption @ 75% (Prime Power) Load	38.2kg/h	44.9L/h
Fuel consumption @ 50% (Prime Power) Load	23.5kg/h	27.6L/h

Oil System

Total oil capacity	36.7L
Oil consumption	≤4g/kwh
Oil sump capacity	26.5~34L

Cooling System

Coolant capacity	61L
Max water temperature	104℃

**MODEL: BF-C350****400V | 1500rpm | 50Hz**

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	310kVA
Alternator Efficiency	92.9%

**MODEL: BF-C350****400V | 1500rpm | 50Hz**

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)	$\leq +25\%$
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Transient voltage deviation (sudden power increase)	$\leq -20\%$
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Voltage recovery time (100 % sudden power decrease)	$\leq 6S$
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Voltage recovery time (sudden power increase)	$\leq 6S$
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Related range of frequency setting	0-5% adjustable
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Steady-state frequency band	$\leq 1.5\%$
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Transient frequency deviation (100 % sudden power decrease)	$\leq +12\%$
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Transient frequency deviation (sudden power increase)	$\leq -10\%$
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Frequency recovery time (100 % sudden power decrease)	$\leq 5S$
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Frequency recovery time (sudden power increase)	$\leq 5S$
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STANDARD FEATURES

Standard auto control system

Exhaust system (including until muffler)

Documents

Oil drain valve

Starting batteries (maintenance-free & watering-free) with connective wires

Special tools

MCCB

MODEL: BF-C350**400V | 1500rpm | 50Hz****OPTIONS**

Daily fuel tank

Rainproof type

Remote control panel

Alternator heater

Soundproof type

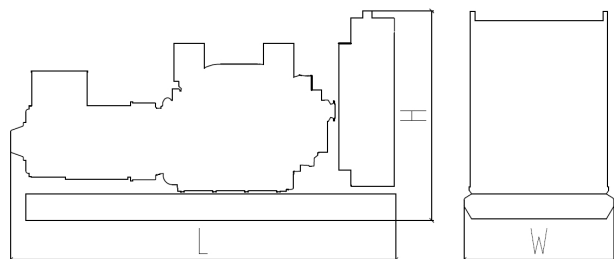
Paralleling system

Spare parts

Trailer type

Switch box

Automatic transfer switch

DIMENSIONS & WEIGHT**Standard Configuration (open type)**

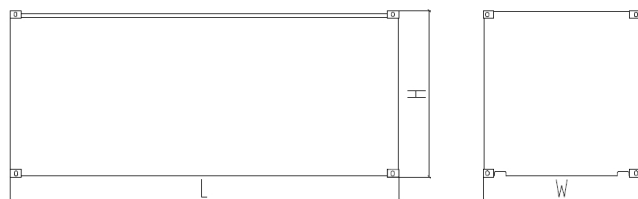
Overall Dimensions: 3050×1100×1650 mm

Weight: 2420 kg

Standard Configuration (with base fuel tank)

Overall Dimensions: 3050×1100×1650 mm

Weight: 2520 kg

**Soundproof Type**

Overall Dimensions: 3890×1460×2150 mm

Weight: 3770 kg

*Specifications are subject to change without notice.***BAIFA POWER (WUXI) LTD.****WEBSITE: WWW.BAIFAPOWER.COM****EMAIL: MARKETING@BAIFAPOWER.COM****TEL: +86-510-85342633**

Comprehensive Solutions For

POWER GENERATION