

# EB SERIES

DIESEL GENERATORS 18KVA-3000KVA

BAUDOUIIN ENGINE 50HZ | 60HZ



**POWERink**  
Power Systems



**EB series diesel generators are reliable, clean, fuel efficient and cost-effective power products developed by PowerLink Group for various industries through the world market. The core power adopts a high-quality Baudouin engine and a Leroy Somer alternator, which have high reliability and stable operation with power ranging from 18KVA to 3000KVA. It can not only be used as a continuous power supply for common use, but also, can provide a stable backup power.**

According to the different installation locations and application needs of each project, we provide investors with suitable types of units to meet the different types of application needs of users.

PowerLink has been engaged in manufacturing energy equipment since 2001; Its emergency power supply, prime and standby power supply and energy management systems are widely applied across the world and touch upon areas like commercial centers, construction sites, data centers, telecommunication sites and industrial sectors.

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# FEATURES OF EB SERIES



## RELIABLE TECHNOLOGY

- ✓ Up to 2200bar high pressure common rail fuel injection;
- ✓ Highly efficient high-pressure ratio supercharging;
- ✓ High and low temperature cooling, independent low temperature water and air inter-cooling



## HIGH ADAPTABILITY

- ✓ No power loss within 2000m altitude and as low as 3% engine power loss at 3000m altitude
- ✓ Start directly at -25°C without auxiliary heating;
- ✓ Integrated three-stage fuel filter, Strong oil adaptability, and the filter element replacement cycle is 500h
- ✓ Optional special desert filter, coarse filtration efficiency can be up to 93%



## INTELLIGENT ELECTRONIC CONTROL

- ✓ More reliable: self-adaptive compensation strategy
- ✓ Smarter: Intelligent Joint Control
- ✓ Safer: Early warning of overloaded operation
- ✓ More peaceful: the smart cloud platform monitors the engine running status in real time



## EFFICIENT COMBUSTION

- ✓ 185g/kwh lowest Fuel consumption
- ✓ Stage II and Stage III emission standards



# SPECIFIC BENEFITS IN EACH APPLICATION



RENTAL



POWER PLANT



OUTDOOR CONSTRUCTION



MINING



HOTEL



HOSPITAL



DATA CENTRE



TELE-COMMUNICATION



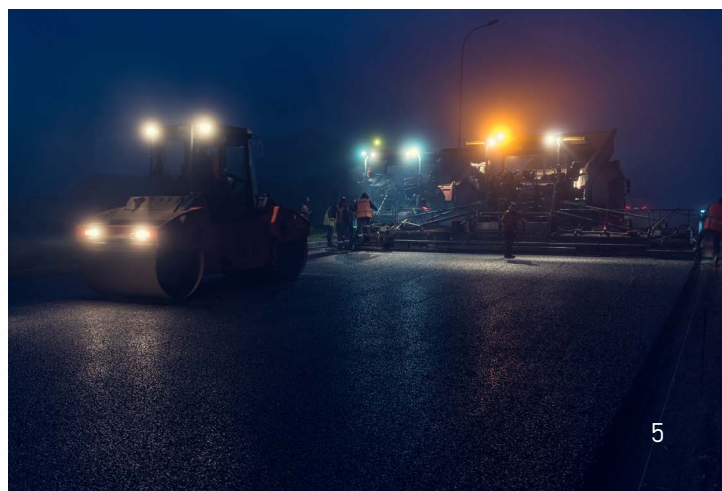
INDUSTRIAL SECTORS

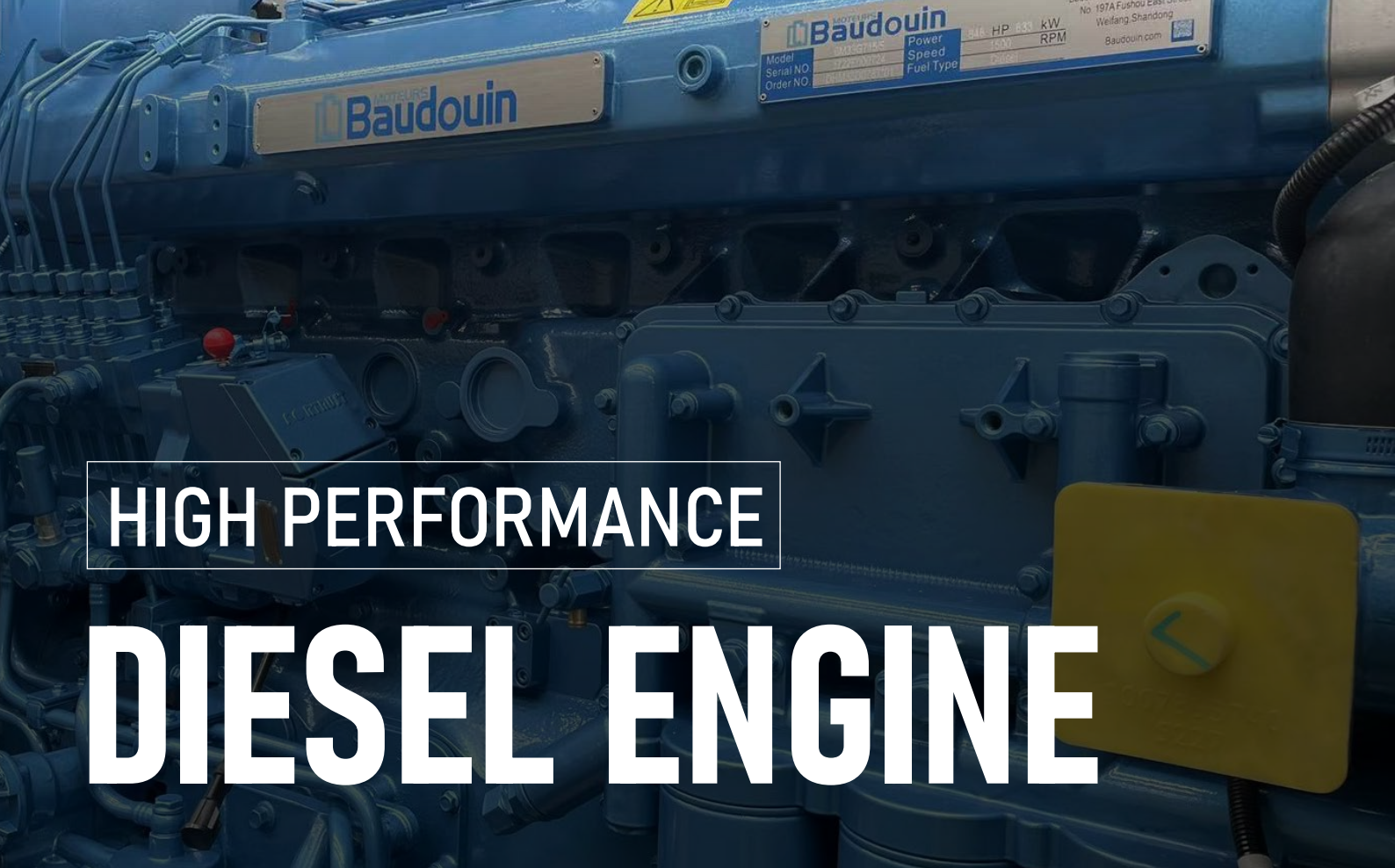


FACTORY



COMMERCIAL CENTERS





**Baudouin** MOTORS  
 Model: 3M12G14S  
 Serial NO: 17220374  
 Order NO: 180400002010  
 Power: 444 HP / 323 kW  
 Speed: 1500 RPM  
 Fuel Type: Diesel  
 No. 197A Fushou East  
 Wefang Shandong  
 Baudouin.com

# HIGH PERFORMANCE

# DIESEL ENGINE



Strong engine power, high reliability, strong and durable



High pressure common rail fuel system



Low fuel consumption at full load



Low maintenance cost and long overhaul cycle



Strong environmental adaptability, strong output even at high temperature and high altitude.



Strong ability to respond to sudden increase and decrease of loads.

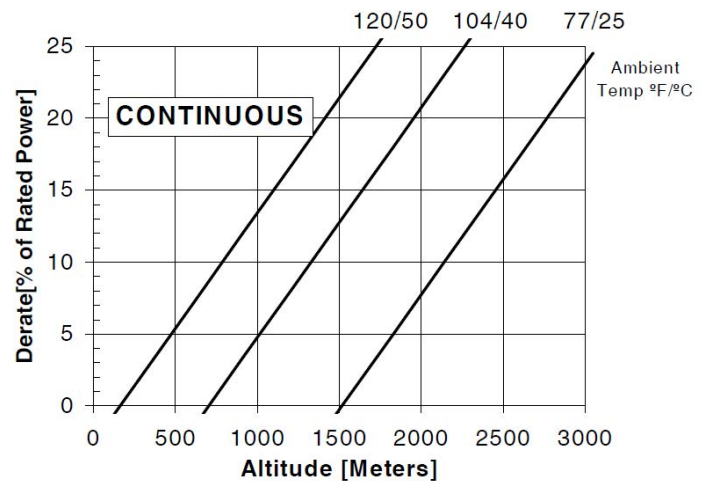


Emission Standard Stage II&Stage III



# HIGH QUALITY AC ALTERNATOR

- Alternator efficiency can exceed 95% with excellent cooling performance and low heat radiation;
- Configured with PMG for a long continuous running time;
- Continuous short-circuit current withstand capability up to 300% rated current for 10 seconds;



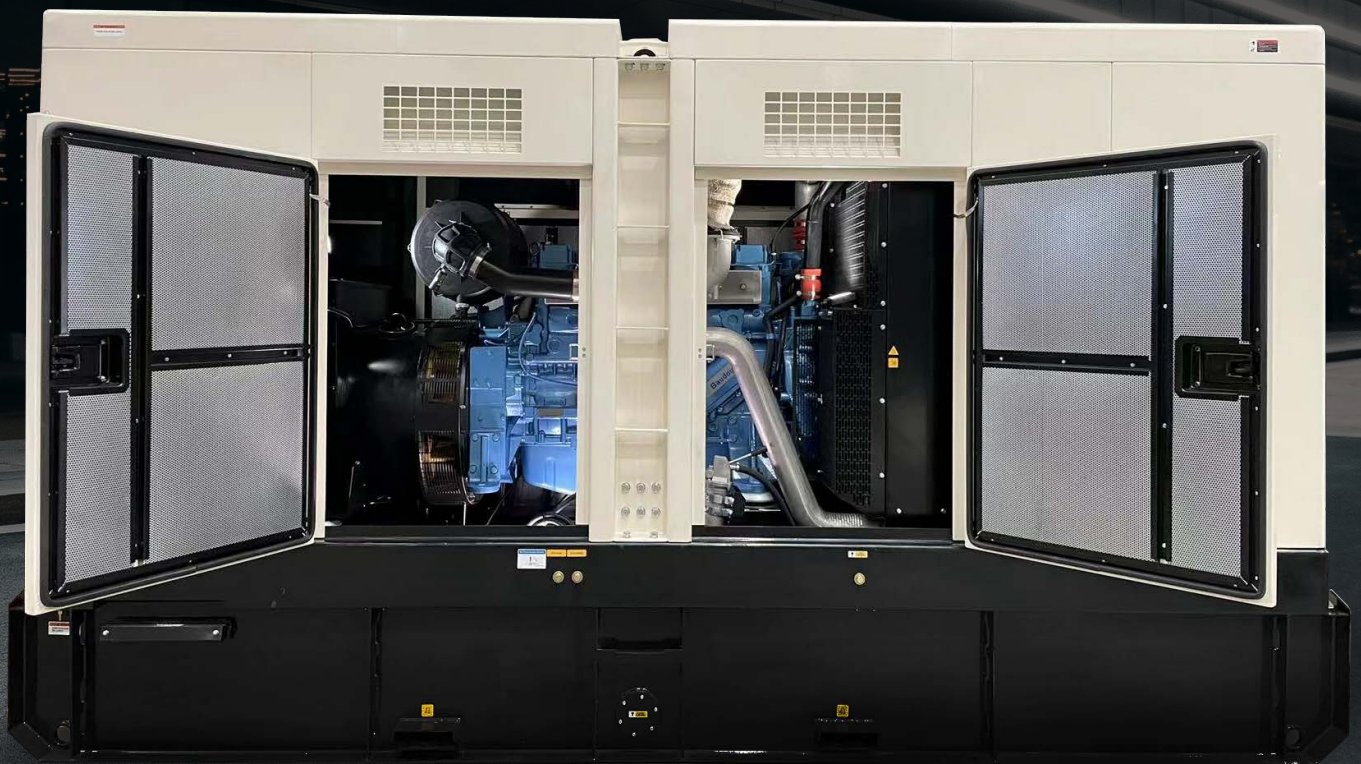
- All winding parts are made of professional materials, optional three-time dipping process, to ensure the high quality requirements of static winding and high mechanical strength of rotating parts



## INTRODUCTION

# SOUNDPROOF GENSET

With prime power ranging from **18KVA to 650KVA**, Powerlink EB series soundproof generator range could satisfy different application needs through a variety of rental applications as generator set rental, factory manufacturing, municipal construction and buildings.etc.



## INTRODUCTION

# CONTAINER GENSET

We understand your need for electricity. Our containerised series is a best seller as it needs no additional protection as with an area of 20 m<sup>2</sup> and 30 m<sup>2</sup>, this is enough space to install a unit of 750KVA to 2250KVA. They can be put in a 20 ft or 40 ft containers, specially designed to anti-corrosion standard, much stronger, more soundproof, and more durable compared to a standard shipping container.



### Our standard products can achieve:

- ✓ <76dBA@7m
- ✓ <2000L@20ft built-in fuel tank
- ✓ <3500L@40ft built-in fuel tank
- ✓ AS3000 electrical installation standard

We can provide customization for non-standard container sizes.

# STANDARD CONFIGURATION

● Standard ○ Optional

Genset Model	PRP		ESP		AMF	Battery charger	Shut-off valve	water level sensor	oil temperature sensor	Oil level gauge	Lifting Lug	Dragging bar	secure transportation	Forklifts	Draining oil pump	Extra lubrication System	Stainless steel muffler	Jacket water heater
	KVA	KW	KVA	KW														
B18SE3	18	14	20	16	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B20SE3	20	16	23	18	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B30SE3	30	24	38	30	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B38SE3	38	30	42	33	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B60SE3	63	50	69	55	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B80SE3	80	64	88	70	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B100SE3	100	80	113	90	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B125SE3	125	100	150	120	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B150SE3	150	120	165	132	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B200SE3	200	160	225	180	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B250SE3	250	200	275	220	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B310SE3	313	250	350	280	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B375SE3	375	300	400	320	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B500SE3	500	400	550	440	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B650SE3	650	520	725	580	●	●	●	●	●	●	●	●	●	●	○	○	○	○
B750SE3	750	600	813	650	●	●	●	●	●	●	●	-	●	○	●	○	○	○
B800SE3	800	640	880	700	●	●	●	●	●	●	●	-	●	○	●	○	○	○
B900SE3	900	720	990	800	●	●	●	●	●	●	●	-	●	○	●	○	○	○
B1000SE3	1000	800	1100	880	●	●	●	●	●	●	●	-	●	○	●	○	○	○
B1250E3C	1250	1000	1375	1100	●	●	●	●	●	●	●	-	●	-	●	○	○	○
B1500E3C	1500	1200	1650	1320	●	●	●	●	●	●	●	-	●	-	●	○	○	○
B1875E3C	1875	1500	2063	1650	●	●	●	●	●	●	●	-	●	-	●	○	○	○
B2000E3C	2000	1600	2250	1800	●	●	●	●	●	●	●	-	●	-	●	○	○	○
B2250E3C	2250	1800	2500	2000	●	●	●	●	●	●	●	-	●	-	●	○	○	○
B2500E3C	2500	2000	2750	2200	●	●	●	●	●	●	●	-	●	-	●	○	○	○
B2750E3C	2750	2200	3000	2400	●	●	●	●	●	●	●	-	●	-	●	○	○	○
B3000E3C	3000	2400	3313	2650	●	●	●	●	●	●	●	-	●	-	●	○	○	○

# OPTIONAL CONFIGURATION

● Standard ○ Optional

Genset Model	Zinc coat chassis	3-way valve + push pull	Customised colours	Road trailer	Wheel support	Spark arrester	PMG	Anti-condensation heater	Double diesel filter	External fuel filling device	Oil pan	Auto refilling diesel system	Extinguisher	Heavy duty air filter	Oil heater	"Quick fuel connector on customer side"
B18SE3	○	○	○	○	○	○	○	○	-	○	-	-	○	○	○	○
B20SE3	○	○	○	○	○	○	○	○	-	○	-	-	○	○	○	○
B30SE3	○	○	○	○	○	○	○	○	-	○	-	-	○	○	○	○
B38SE3	○	○	○	○	○	○	○	○	-	○	-	-	○	○	○	○
B60SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B80SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B100SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B125SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B150SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B200SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B250SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B310SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B375SE3	○	○	○	○	○	○	○	○	○	○	-	○	○	○	○	○
B500SE3	○	○	○	-	-	○	○	○	○	○	-	○	○	○	○	○
B650SE3	○	○	○	-	-	○	○	○	○	○	-	○	○	○	○	○
B750SE3	○	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B800SE3	○	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B900SE3	○	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B1000SE	○	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B1250E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B1500E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B1875E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B2000E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B2250E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B2500E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B2750E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○
B3000E3C	-	○	○	-	-	○	○	○	○	○	○	○	○	○	○	○

# EXCELLENT PERFORMANCE

## FEATURES

### ✓ Ease of cable connection

- Fast and easy onsite cable connection process
- Easy to access power cable terminals
- Safe and reliable, IP Rating 23 +
- The cable wiring identification is complete and clear

### ✓ Easy maintenance of power pack

- Slide the power pack out on its base frame for easy maintenance
- No need to remove any wiring or any connections
- Save time and efforts



### ✓ Strong continuous operation ability

- Automatic oil filling device is configured with the unit for long continuous operation
- Visual fuel level sight glass
- Magnetic flap fuel level sight glass
- Emergency buttons on the two long sides of the container

### ✓ Operator friendly

- Large control cabinet door with big observation window
- Spacious internal operation place
- Ergonomically friendly interface



# STAGE II BAUDOUIIN SERIES PRODUCT

OUTPUT: 50HZ 400V/415V/440V 3PHASE

STAGE II

Genset	Voltage	PRP		ESP		Engine Brand	Engine Model	Emission Standard	Genset Structure	Noise Level @ 75% Load	Cons. 100% @ load
	V	KVA	KW	KVA	KW					dBA@7m	L/h
B18S	400	18	15	20	16	Baudouin	4M06G20/5	Stage II	Canopy	67	29
B23S	400	23	18	25	20	Baudouin	4M06G25/5	Stage II	Canopy	67	29
B32S	400	32	26	35	28	Baudouin	4M06G35/5	Stage II	Canopy	68	29
B40S	400	40	32	44	35	Baudouin	4M06G44/5	Stage II	Canopy	68	29
B45S	400	45	36	50	40	Baudouin	4M06G50/5	Stage II	Canopy	69	84
B65S	400	65	52	72	57	Baudouin	4M10G70/5	Stage II	Canopy	69	84
B80S	400	80	64	88	70	Baudouin	4M10G88/5	Stage II	Canopy	69	84
B100S	400	100	80	110	88	Baudouin	4M10G110/5	Stage II	Canopy	69	84
B135S	400	135	108	150	120	Baudouin	6M11G150/5	Stage II	Canopy	69	84
B150S	400	150	120	165	132	Baudouin	6M11G165/5	Stage II	Canopy	70	160
B200S	400	200	160	220	176	Baudouin	6M16G220/5	Stage II	Canopy	72	160
B250S	400	250	200	275	220	Baudouin	6M16G275/5	Stage II	Canopy	73	380
B320S	400	320	256	350	280	Baudouin	6M16G350/5	Stage II	Canopy	73	380
B400S	400	400	320	440	352	Baudouin	6M21G440/5	Stage II	Canopy	74	400
B450S	400	450	360	500	400	Baudouin	6M21G500/5	Stage II	Canopy	74	400
B500S	400	500	400	550	440	Baudouin	6M21G550/5	Stage II	Canopy	75	400
B650S	400	650	520	715	572	Baudouin	6M33G715/5	Stage II	Canopy	76	950

Notes: 60HZ models are available.



# STAGE III BAUDOUIIN SERIES PRODUCT

OUTPUT: 50HZ 400V/415V/440V 3PHASE

STAGE III

Genset	Voltage	PRP		ESP		Engine Brand	Engine Model	Emission Standard	Genset Structure	Noise Level @ 75% Load	Cons. 100% @ load
	V	KVA	KW	KVA	KW					dBA@7m	L/h
B18SE3	415	18	14	20	16	Baudouin	4M08G2D3/5	Stage III	Canopy	67	29
B20SE3	415	20	16	23	18	Baudouin	4M08G4D3/5	Stage III	Canopy	67	29
B30SE3	415	30	24	38	30	Baudouin	4M08G8D3/5	Stage III	Canopy	68	29
B38SE3	415	38	30	42	33	Baudouin	4M08G10D3/5	Stage III	Canopy	68	29
B60SE3	415	63	50	69	55	Baudouin	4M10G2D3/5	Stage III	Canopy	69	84
B80SE3	415	80	64	88	70	Baudouin	4M10G4D3/5	Stage III	Canopy	69	84
B100SE3	415	100	80	113	90	Baudouin	4M10G6D3/5	Stage III	Canopy	69	84
B125SE3	415	125	100	150	120	Baudouin	4M12G2D3/5	Stage III	Canopy	70	160
B150SE3	415	150	120	165	132	Baudouin	4M12G4D3/5	Stage III	Canopy	72	160
B200SE3	415	200	160	225	180	Baudouin	6M12G4D3/5	Stage III	Canopy	73	380
B250SE3	415	250	200	275	220	Baudouin	6M12G8D3/5	Stage III	Canopy	73	380
B310SE3	415	313	250	350	280	Baudouin	6M16G8D3/5	Stage III	Canopy	74	400
B375SE3	415	375	300	400	320	Baudouin	6M21G2D3/5	Stage III	Canopy	74	400
B500SE3	415	500	400	550	440	Baudouin	6M21G8D3/5	Stage III	Canopy	75	400
B650SE3	415	650	520	725	580	Baudouin	6M33G6D3/5	Stage III	Canopy	76	950
B750SE3	415	750	600	813	650	Baudouin	6M33G8D3/5	Stage III	Container	79	950
B800SE3	415	800	640	880	700	Baudouin	8M33G2D3/5	Stage III	Container	77	N/A
B900SE3	415	900	720	990	800	Baudouin	8M33G4D3/5	Stage III	Container	78	N/A
B1000SE3	415	1000	800	1100	880	Baudouin	8M33G6D3/5	Stage III	Container	80	N/A
B1250E3C	415	1250	1000	1375	1100	Baudouin	12M33G8D3/5	Stage III	Container	80	1900
B1500E3C	415	1500	1200	1650	1320	Baudouin	12M33G14D3/5	Stage III	Container	81	1900
B1875E3C	415	1875	1500	2063	1650	Baudouin	16M33G6D3/5	Stage III	Container	82	1900
B2000E3C	415	2000	1600	2250	1800	Baudouin	16M33G8D3/5	Stage III	Container	83	1900
B2250E3C	415	2250	1800	2500	2000	Baudouin	20M33G4D3/5	Stage III	Container	84	2900
B2500E3C	415	2500	2000	2750	2200	Baudouin	12M55G4D3/5	Stage III	Container	85	2800
B2750E3C	415	2750	2200	3000	2400	Baudouin	12M55G6D3/5	Stage III	Container	86	N/A
B3000E3C	415	3000	2400	3313	2650	Baudouin	16M55G2D3/5	Stage III	Container	87	N/A

Notes: 60HZ models are available.



**SALES AND SERVICES**

# SUPPORT.

**We are confident enough to get the job done and capable enough to move quickly**

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**Think globally, act locally always at your side**

With 132 sales service providers in 98 countries and subsidiaries in the United Kingdom, China, Australia and Myanmar, the company provides customers with sufficient, fast and highquality product supply and service.



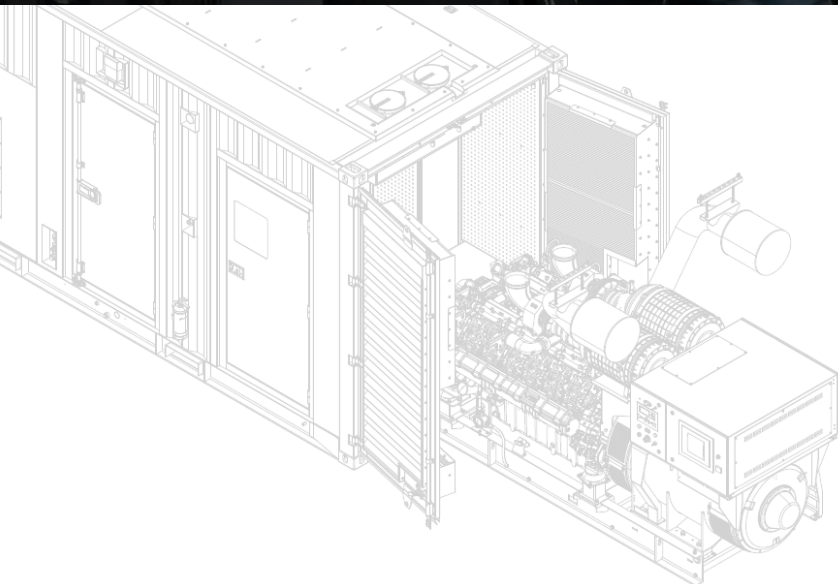
Every product in every region has a professional team to serve our distributors. With the help of the global distributor network, PowerLink can provide energy services for users all over the world.





Need some help getting  
the right generator for  
your needs?

# CALL US TODAY!



**POWERlink**  
Power Systems  
*Power Link the World*

[www.powerlinkworld.co.uk](http://www.powerlinkworld.co.uk)

If there is data change without notice, please  
contact us or your local agents for more  
details.

June, 2022, No.PLPMB20220601DE