

# POWERLINK EB Baudouin Series Diesel Generator with Leroy Somer Alternator



Model: **B650SE3-AU**  
Frequency: **50Hz**  
Fuel type: **Diesel**  
Powered by: **BAUDOUIN SERIES**

## 415-50Hz-3Phase

- Powerful heavy-duty Baudouin industrial diesel and low emissions engine
- Intelligent control - Manual & Remote start
- Weather protective and sound attenuated enclosure
- Comprehensive warranty and service

### TECHNICAL SPECIFICATIONS

Model	B650SE3-AU			
Power(ESP)	kVA/kw	725 / 580		
Power(PRP)	kVA/kw	650 / 520		
Voltage	V	415		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)		139.9 L/h
		Fuel consumption75% (of the Prime Power)		110.4 L/h
		Fuel consumption50% (of the Prime Power)		77.8 L/h
		Fuel consumption25% (of the Prime Power)		40.8 L/h
Fuel Tank Capacity	Litre	1650		
Noise Level	dB(A)@7m	77.8		
Dimensions and Weight	Length	Width	Height	Weight
	4701mm	1749mm	2617mm	6720 kg

### ENGINE SPECIFICATIONS

Manufacturer	Baudouin
Model	6M33G6D3/5
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	6
Displacement	19.6 L
Bore and Stroke	150 mm x 185 mm
Compression Ratio	15.0
Intake Resistance	≤6.5 kPa
Injection Type	High Pressure Common Rail
Total Oil Capacity	64 L
Coolant Capacity	159 L

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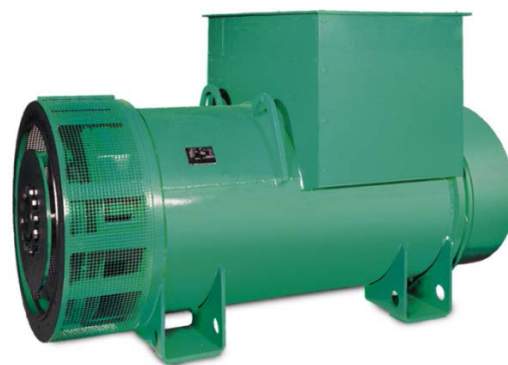
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## ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA49.3S4
Phase	3
Power Factor	0.8
Bearing	1
Exciter type	Brushless
Insulation : Class , temperature rise	H
Degree of protection	IP23
AVR model	D350
Altitude	≤1000m
Winding Pitch	2/3
Overspeed	2250rpm



## AIR SYSTEM

Engine Air Flow	1m³/s(50Hz)
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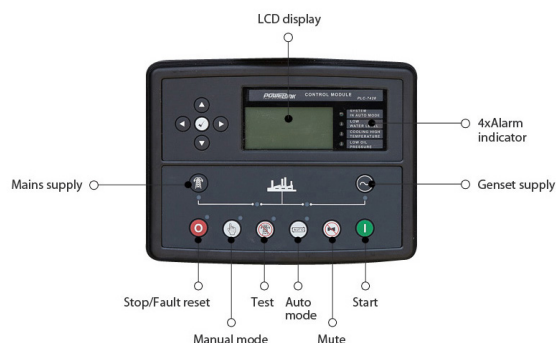
Note: All data sheets are for reference only and subject to change without prior notice.

## CONTROL PANEL

Powerlink	PLC500
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### KEY FEATURES

- Microprocessor control, with high stability and credibility
- Monitoring and measuring operational parameters of the genset
- Indicating and alarms operation status, fault conditions, all parameters and alarms
- Manual, automatic and remote work mode selectable
- RS232 & RS485 can be used at the same time
- Real time clock for time and date display, overall runtime display, 250 log entries



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