

**Engine Specifications** 

Manufacture

**Engine Model** 

No. of Cylinders

Cycle

Aspiration

**Cooling Method** 

**Governing Type** 

**Governing Class** 

**Compression Ratio** 

Displacement

Bore/Stroke

**Dynamic Charging Alternator** 

Manufacture

Alternator Model

**Insulation Class** 

**Excitation System** 

**Alternator Specifications** 

# **EDB-250**

# ECHNICAL DATA SHEE

## **GENERAL SPECIFICATIONS**

### Rating:

- **Prime Rating: Unlimited hours** usage, with an average load factor of 80% over each 24 hour period. 10% overload is available for 1 hour in every 12 hours operation. Overload is permitted on standby power.
- **Standby Rating:** Limited to 500 hours annual usage, with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of annual usage may be run continuously. No overload is permitted on standby power.

### **Engine:**

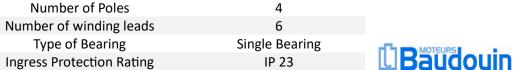
Baudouin engine

### Alternator:

Brushless AC alternator

### **Circuit Breaker:**

3 Pole LS MCCB



Baudouin

6M16G2D0/S

6 vertical in-line

4 strokes

Turbocharged After

cooled

Water Cooled

Electronic

G2- ISO 8528 Part 1

17:1

9.7 L

126 x 130 mm

60 AMP, 24V

**Leroy Somer** 

TAL-044M

Cont. H - 125/40°C

Self-Excited

R120

**AVR Output Rating** 

> Prime Standby

1800 RPM - 60 Hz , 480 V , 3Ph

180 Kw 225 Kva 200 Kw 250 Kva



**LEROY-SOMER** 





# **Control System**



### DSE 6120 MKII

AUTO STAR &
AUTO MAINS
FAILURE

- Large back-lit text display
   Multiple display languages
- DSENet® expansion compatible
- Data logging facility
- Fully configurable via PC using USB communication
- Front panel configuration
- Efficient power save mode
- 3 phase generator sensing
- Accumulated power monitoring (kW h, kVA h, kVAr h)
- Generator/load current monitoring and protection
- IP65 rating (with optional gasket) offers increased resistance to water ingress

- Generator overload protection (kW)
- Breaker control via fascia buttons
- Fuel and start outputs, configurable when using CAN
- 4 configurable DC outputs
- 4 configurable analogue/digital inputs
- Automatically transfers between mains (utility) and generator(DSE 6120MKII only)
- Increased input and output expansion capability via DSENet ®
- IP65 rating (with optional gasket) offers increased resistance to water ingress

# **Dimensions**

Туре	Length (mm)	Width (mm)	Height (mm)	Fuel Tank (L)	Weight (KG)
Open	2700	1200	1570	330	2001
Close	3860	1230	1850	350	2535



### **Comply with Standards**

ISO 3046, BS 5514, DIN 6271, NEM -MGI, DIN EN, BS 5000, IEC 60034, IEC 60947-2

# **Acoustic Enclosure Specifications**

Enclosure Type	Acoustic & Weather Proof	
Drainage	Fuel and Water Drainage Provision	
Transportation	Tested Single Point Lifting Facility & Forklift Pockets	
Ingress Protection Rating	IP 23	
Lifting	ISO Standard Lifting	
Canopy RAL Color	TAL 9010	
Base frame RAL Color	RAL 9011	
Noise Pressure level @ 7m	70 dB @ 7 m	

### Fuel System

Recommended Fuel	Class A2 Diesel	
Fuel Consumption Standby	46.9 L/hr	
Fuel Consumption 100% PRP	43.1 L/hr	
Fuel Consumption 75% PRP	32.4 L/hr	
Fuel Consumption 50% PRP	22.4 L/hr	

