

ED	B- 32
	Gen - Set

Engine Specifications		
Manufacture	Baudouin	ECHNICAL DATA SHE
Engine Model	4M06G4D0/S	
No. of Cylinders	4 vertical in-line	Z
Cycle	4 strokes	
Aspiration	Naturally Aspirated	
Cooling Method	Water Cooled	
Governing Type	Electronic	
Governing Class	G2- ISO 8528 Part 1	\checkmark
Compression Ratio	17.5:1	
Displacement	2.3 L	
Bore/Stroke	89 x 92 mm	<u>S</u>
Dynamic Charging Alternator	36 AMP, 12V	
Alternator Specifications		
Manufacture	Leroy Somer	
Alternator Model	TAL-040F	
Number of Poles	4	
Number of winding leads	6	
Type of Bearing	Single Bearing	
Ingress Protection Rating	IP 23	
Insulation Class	Cont. H – 125/40 C	Baudouin
Excitation System	Self-Excited	
AVR	R120	
Output Rating		LEROY-SOMER
Prime	Standby	
1800 RPM - 60 Hz		
23 Kw 29 Kva	25 Kw 32 Kva	DSE



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

تطوير الطاقة ENERGY DEVELOPMENT

(065) 214-442 info@energydevelopment.ae Hamriya Free Zone Sharjah, UAE



Control System



DSE 4520 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

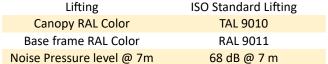
- Generator overload . protection (kW)
- Breaker control via fascia buttons
- Fuel and start outputs, configurable when using CAN
- 4 configurable DC outputs •
- 4 configurable analogue/digital inputs
- Automatically transfers • between mains (utility) and generator
- Increased input and output expansion capability via DSENet ®

Acoustic & Weather Proof

Dimensions

Туре	Length (mm)	Width (mm)	Height (mm)	Fuel Tank (L)	Weight (KG)
Open	1740	700	1009	70	780
Close	2095	870	1100	100	995

Enclosure Type Fuel and Water Drainage Drainage Provision Transportation Tested Single Point Lifting Facility & Forklift Pockets **Ingress Protection Rating** IP 23





Comply with Standards

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

Fuel System

Recommended Fuel	Class A2 Diesel
Fuel Consumption Standby	14.5 L/hr
Fuel Consumption 100% PRP	10.1 L/hr
Fuel Consumption 75% PRP	5.8 L/hr
Fuel Consumption 50% PRP	3.4 L/hr



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Acoustic Enclosure Specifications