

DMH POWER GENERATOR

B450-E5 | 450 kVA STANDBY / 400 kVA PRIME

BAUDOUIN ENGINE

STAMFORD ALTERNATOR

DEEP SEA CONTROLLER



PRODUCT CONFIGURATION | B450-E5 | 400/230 V

Representative enclosure illustration; final enclosure varies by configuration.

A balanced power package

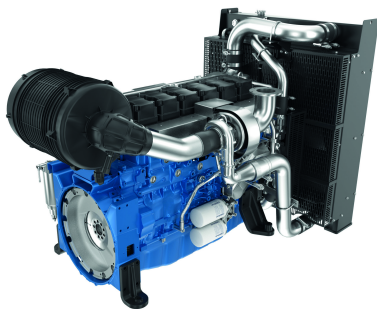
The B450-E5 combines a Baudouin 6M21G440/5 engine, Stamford S4L1D-G4 alternator and Deep Sea DSE7320 controller in an integrated 50 Hz power package.

450 kVA Standby rating	400 kVA Prime rating	400/230 V 3-phase output	0.8 Power factor
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BAUDOUIN ENGINE 6M21G440/5 Water-cooled diesel engine. 1,500 rpm / 50 Hz. Radiator and engine-driven fan.	STAMFORD ALTERNATOR S4L1D-G4 ESTIMATED MATCH Selected from the Doosan reference or official Stamford ratings.	DEEP SEA CONTROL DSE7320 Digital control and monitoring. Final functions and wiring follow the approved order.
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APPLICATION VALUE

Integrated package Coordinated engine, alternator and control.	Service support Recognizable component brands.
Installation flexibility Soundproof enclosure configuration.	Project configuration Final scope follows approved drawings.



Baudouin 6M21 series - reference photograph

POWERED BY BAUDOUIN 6M21G440/5 DIESEL ENGINE

- 01 6M21 engine series
- 02 1,500 rpm / 50 Hz operation
- 03 Water-cooled diesel power unit
- 04 Series photograph; equipment may vary.

Technical specification

GENERATOR SET - SOURCE RATINGS

Generator set model	B450-E5 - soundproof type
Standby output	450 kVA / 360 kW
Prime output	400 kVA / 320 kW
Voltage / frequency	400/230 V, 50 Hz, 3-phase
Power factor	0.8
Calculated prime current	Approx. 577 A at 400 V, 3-phase
Circuit breaker reference	Optional; rating to be confirmed
Enclosure / fuel tank	Soundproof type; final dimensions, weight and tank capacity to be confirmed

BAUDOUIN ENGINE & STAMFORD ALTERNATOR

Engine model	6M21G440/5
Rated speed / cooling	1,500 rpm / water-cooled
Stamford model	S4L1D-G4
Selection status	ESTIMATED MATCH
Electrical specification	50 Hz, 0.8 PF, Class H, IP23; final winding and AVR to be approved
Engine detailed data	Displacement, bore/stroke, fuel consumption and gross output: confirm from the exact engine data sheet

DEEP SEA CONTROL

Controller	DSE7320 (as quoted)
Final configuration	Controller revision, protections, communications and transfer control to be confirmed on approved drawings

Supply scope & project confirmation

STANDARD PACKAGE

Baudouin 6M21G440/5 engine; Stamford S4L1D-G4 alternator; Deep Sea DSE7320 control; radiator and fan; anti-vibration mounts and base frame; starting battery system; silencer and flexible connections; manuals and factory test documentation. Final inclusions follow the DMH order.

ALTERNATOR SELECTION RECORD

Stamford model	S4L1D-G4 / ESTIMATED MATCH
Source alternator	KI444F
Selection basis	No exact 450/400 kVA Doosan pairing. S4L1D-G4 is used on Doosan D500D5 (500/450 kVA). Official Stamford S4 winding 311, 400 V, 50 Hz: 450 kVA continuous H 125/40; 480 kVA standby 150/40. Final coupling and derating require approval.

TO BE CONFIRMED BEFORE PRODUCTION

Electrical configuration	Voltage, winding, AVR, ambient temperature and derating.
Mechanical configuration	Coupling, canopy, dimensions, weight, tank and acoustic performance.
DMH nameplate	B450-E5; final model designation and build configuration to be approved.

RATING BASIS / DOCUMENT NOTE

Output ratings follow the supplied quotation. Estimated Stamford selections are used where no equivalent Doosan rating is available; supplier validation is required before production. Illustrations are representative.

Warranty: 1 year or 1,000 hours, whichever occurs first, subject to the final contract.



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