DMH POWER GENERATOR

B750-E5 | 750 kVA STANDBY / 680 kVA PRIME

BAUDOUIN ENGINE **STAMFORD ALTERNATOR** **DEEP SEA CONTROLLER**

PRODUCT CONFIGURATION | B750-E5 | 400/230 V

Representative enclosure illustration; final enclosure varies by configuration.

SYSTEM OVERVIEW

A balanced power package

The B750-E5 combines a Baudouin 6M33G750/5 engine, Stamford S5L1D-H4 alternator and Deep Sea DSE7320 controller in an integrated 50 Hz power package.

750 kVA	680 kVA	400/230 V	0.8
Standby rating	Prime rating	3-phase output	Power factor

BAUDOUIN ENGINE

6M33G750/5

Water-cooled diesel engine.
1,500 rpm / 50 Hz.
Radiator and engine-driven fan.

STAMFORD ALTERNATOR

S5L1D-H4

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.

APPLICATION VALUE

Integrated package

Coordinated engine, alternator and control.

Service support

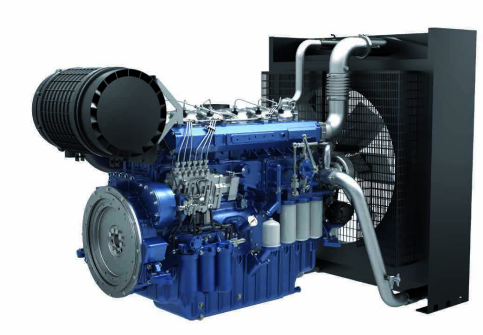
Recognizable component brands.

Installation flexibility

Soundproof enclosure configuration.

Project configuration

Final scope follows approved drawings.



Baudouin 6M33 series - reference photograph

POWERED BY BAUDOUIN

6M33G750/5 DIESEL ENGINE

01 6M33 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	B750-E5 - soundproof type
Standby output	750 kVA / 600 kW
Prime output	680 kVA / 544 kW
Voltage / frequency	400/230 V, 50 Hz, 3-phase
Power factor	0.8
Calculated prime current	Approx. 981 A at 400 V, 3-phase
Circuit breaker reference	1,250 A; inclusion / option subject to final order
Enclosure / fuel tank	Soundproof type; final dimensions, weight and tank capacity to be confirmed

BAUDOUIN ENGINE & STAMFORD ALTERNATOR

Engine model	6M33G750/5
Rated speed / cooling	1,500 rpm / water-cooled
Stamford model	S5L1D-H4
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 6M33G750/5 engine; Stamford S5L1D-H4 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	S5L1D-H4 / ESTIMATED MATCH
Source alternator	KI544FA
Selection basis	Official S5 table, winding 311, 400 V: 750 kVA continuous H 125/40 and 800 kVA standby 150/40. Selected above the Doosan F4 pairing to cover 680/750 kVA.

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	B750-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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Technical source: 20250620-AGG 500-1500KVA Baudouin_1.pdf; Doosan Stamford comparison dated 6 Jun 2022. Engine images: Baudouin series data sheets.