# DMH POWER GENERATOR

**B880-E5-A | 880 kVA STANDBY / 800 kVA PRIME**

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

**PRODUCT CONFIGURATION | B880-E5-A | 400/230 V**

Representative enclosure illustration; final enclosure varies by configuration.

SYSTEM OVERVIEW

# A balanced power package

The B880-E5-A combines a Baudouin 12M26G900/5 engine, Stamford S6L1D-C4 alternator and Deep Sea DSE7320 controller in an integrated 50 Hz power package.

| 880 kVA | 800 kVA | 400/230 V | 0.8 |
|---|---|---|---|
| Standby rating | Prime rating | 3-phase output | Power factor |

**BAUDOUIN ENGINE**

**12M26G900/5**

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

**STAMFORD ALTERNATOR**

**S6L1D-C4**

SOURCE 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**

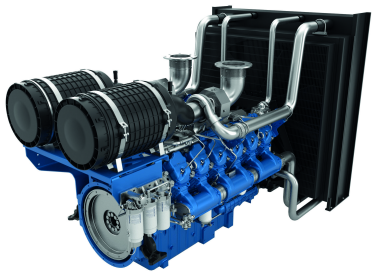
Recognizable component brands.

**Installation flexibility**

Soundproof enclosure configuration.

**Project configuration**

Final scope follows approved drawings.



Baudouin 12M26 series - reference photograph

POWERED BY BAUDOUIN

### 12M26G900/5 DIESEL ENGINE

01 12M26 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 | B880-E5-A - soundproof type |
| Standby output | 880 kVA / 704 kW |
| Prime output | 800 kVA / 640 kW |
| Voltage / frequency | 400/230 V, 50 Hz, 3-phase |
| Power factor | 0.8 |
| Calculated prime current | Approx. 1155 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 | 12M26G900/5 |
| Rated speed / cooling | 1,500 rpm / water-cooled |
| Stamford model | S6L1D-C4 |
| Selection status | SOURCE 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 12M26G900/5 engine; Stamford S6L1D-C4 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 | S6L1D-C4 / SOURCE MATCH |
| Source alternator | KI634C |
| Selection basis | Doosan D880E5: 880 kVA standby / 800 kVA prime; exact rating match. |

## 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 | B880-E5-A; 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.

DMH POWER SOLUTION

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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.