

**PROPEL**  
INDENERGY SOLUTIONS

**MOTEURS**  
**Baudouin**

**PB SERIES**  
GENERATOR SETS



LET'S MAKE  
**INDIA BRIGHTER!**

POWER ON. **ALWAYS.**

GENERATOR SETS POWERED BY BAUDOQUIN ENGINES



# Baudouin

For nearly 100 years, Société des Moteurs Baudouin has manufactured the highest quality engines for marine and power generation. The continuous need of power generation, reliability and durability are paramount, and Baudouin has been successfully serving this market since 1918.

Our range is backed by Baudouin's reliability, durability and quality, combined with precision manufacturing, large scale of operation and dedication to continuous improvement. With nine R&D centres across the world we continually improve and tailor our products based on the regulatory requirements and customer feedbacks across the globe.



# Propel

Meet the Brand Propel. The brand has emerged to innovate and evolve sustainable energy and power solutions.

Conceptualised by some renowned industry professionals, brand Propel has partnered with world class Baudouin diesel engines and has the option of Leroy Somer, Stamford and Mecc Alte for alternators. The offering will cover the range of diesel generator sets from 200 kVA to 2500 kVA on a simple power mode including the product, project, fleet management and after market, with a clear goal of **POWER ON. ALWAYS.**





# Baudouin Heritage

With years of experience and market research on India's need for energy, our range is now backed by Baudouin's reliability, durability and quality, combined with our precision Manufacturing, large scale of operations, and dedication to continuous improvement. With complete control of the preliminary design study to maintain the life cycle of your equipment throughout.

**PROPEL**  
INDENERGY SOLUTIONS

## PB SERIES DG SETS

- ▣ Baudouin's industrial heritage of 100 years plus.
- ▣ Quality, Adaptability, Reliability and Serviceability.
- ▣ Complete Electronic Engine.
- ▣ Attractive Fuel Economy.
- ▣ Delayed overhaul periods.
- ▣ In-house packaging with service friendly canopy.



| DG SET MODEL                              | PB2006M16   | PB2506M16    | PB3206M19    | PB4006M21          | PB5006M21    | PB7506M33          | PB101012M26        | PB125012M33        | PB150012M33  |
|---|---|--------------|--------------|--------------------|--------------|--------------------|--------------------|--------------------|--------------|
| <b>Genset Rating - kVA / ekW</b>          | 200 / 160   | 250 / 200    | 320 / 256    | 400 / 320          | 500 / 400    | 750 / 600          | 1010 / 808         | 1250 / 1000        | 1500 / 1200  |
| <b>Power Factor</b>                       | 0.8   |              |              |                    |              |                    |                    |                    |              |
| <b>Engine Make</b>                        | Baudouin  |              |              |                    |              |                    |                    |                    |              |
| <b>Engine Model</b>                       | 6M16G250/5E3  | 6M16G250/5E3 | 6M19G320/5E3 | 6M21G440/5E3       | 6M21G500/5E3 | 6M33D660E310       | 12M26D968E200      | 12M33D1210E200     | 12M33G1650/5 |
| <b>Rated BHP</b>                          | 322   | 322          | 389          | 489                | 550          | 885                | 1180               | 1475               | 1767         |
| <b>No. of Cylinders</b>                   | 6   | 6            | 6            | 6                  | 6            | 6                  | 12                 | 12                 | 12           |
| <b>Aspiration</b>                         | TCI   |              |              |                    |              |                    |                    |                    |              |
| <b>Governing</b>                          | Electronic  | Electronic   | Electronic   | Electronic         | Electronic   | Electronic         | Electronic         | Electronic         | Electronic   |
| <b>Displacement - Ltrs.</b>               | 9.7   | 9.7          | 11.6         | 12.5               | 12.5         | 19.6               | 31.8               | 39.2               | 39.2         |
| <b>Compression Ratio</b>                  | 17:1  | 17:1         | 17:1         | 17:1               | 17:1         | 15:1               | 15.7:1             | 15:1               | 15:1         |
| <b>Bore X Stroke - mm</b>                 | 126 x 130   | 126 x 130    | 126 x 155    | 127 x 165          | 127 x 165    | 150 x 185          | 150 x 150          | 150 x 185          | 150 x 185    |
| <b>Electric System - Volt</b>             | 24 V  |              |              |                    |              |                    |                    |                    |              |
| <b>Fuel Consumption at 75% load - L/H</b> | 33.86   | 41.85        | 53.57        | 67.13              | 83.3         | 132.6              | 153.77             | 187.2              | 228.9        |
| <b>Lube Oil Consumption - %F.Cons</b>     | ≤ 0.2% of Fuel Consumption  |              |              |                    |              |                    |                    |                    |              |
| <b>Lube Oil System Capacity - Ltrs.</b>   | 24  | 24           | 30           | 30                 | 30           | 61                 | 113                | 155                | 155          |
| <b>Coolant System Capacity - Ltrs.</b>    | 55  | 55           | 62           | 55                 | 55           | 159                | 191                | 233                | 233          |
| <b>Service Interval - Hrs/Months</b>      | 500 hrs. / 12 months  |              |              |                    |              |                    |                    |                    |              |
| <b>Alternator Make</b>                    | Meccalte / Leroy Somer  |              |              |                    |              |                    |                    |                    |              |
| <b>Alternator Type</b>                    | Brushless Single Bearing  |              |              |                    |              |                    |                    |                    |              |
| <b>No. of Phase</b>                       | 3 Phase   |              |              |                    |              |                    |                    |                    |              |
| <b>Frequency - Hz</b>                     | 50 Hz   |              |              |                    |              |                    |                    |                    |              |
| <b>Type of insulation</b>                 | Class H   |              |              |                    |              |                    |                    |                    |              |
| <b>Type of Panel</b>                      | Standard Control Panel with Generator Controller / AMF , Synchronization etc on request |              |              |                    |              |                    |                    |                    |              |
| <b>Accoustic Enclosure Size - mm</b>      | 5000 x 1800 x 2200  |              |              | 5700 x 2100 x 2400 |              | 7000 x 2550 x 2900 | 8000 x 2600 x 3000 | 8500 x 2700 x 3000 |              |
| <b>Approx. DG set weight - kg</b>         | 4800  | 5000         | 5300         | 6300               | 6300         | 6500               | 11500              | 12500              |              |

## Rating Conditions

- Ratings are at 415 volt, 3 phase, 50 Hz, 0.8 pf at 1500 rpm.
- 10% overload for one hour in every 12 hours permitted in accordance with ISO 3046/1, BS 5514, DIN 6271 for prime rated packages.
- Packages comply to CPCB II exhaust emission and noise regulations.
- All specifications and dimensions are for reference purpose and are subject to revisions and improvements.

\*Tolerance applicable as per IS 10002.

\*\*Reference condition as per IS 10002, ISO 3046.

### FACTORY AND REGISTERED OFFICE:

Plot No. H-15, Addl. Murbad MIDC, Kudawali, Murbad.  
 Dist. Thane, Maharashtra - 421401 India

### NEW DELHI OFFICE:

Plot No. 98, Ecotech II Extension, Behind LG  
 Electronics, Greater Noida-201310 (U.P) India

### KOLKATA OFFICE:

Mauza, Chikrand, P.S- Chanditala Dist-  
 Hooghly - 712304, Dankuni (W.B) India

**BRANCH DETAILS:** Mumbai: +91 9082902478 | New Delhi: +91 9871855355 | Kolkata: +91 98313 86183

**EMAIL:** sales@propelsystem.com

**DEALERS :** Agra | Ahmedabad | Chandigarh | Delhi | Guwahati | Goa | Jaipur | Kanpur | Kolhapur | Lucknow | Ludhiana | Mumbai | Pune | Surat | Varanasi | Vapi