



MOTEURS
Baudouin
a *WEICHAI* company

PowerKit Engines
For Power Generation

We are Baudouin

For 100 years, Baudouin has manufactured the highest quality engines for marine and power generation applications. In the hostile environment of a marine operator, reliability and durability are paramount, and Baudouin has been successfully serving this market since 1918. It's from this marine heritage that Baudouin has a reputation for quality, serviceability, adaptability and reliability.

Through the 1960's and 1970's Baudouin manufactured complete generator sets and engines for power generation applications for some of the **largest generator manufacturers in the world**.

In 2008, Baudouin was acquired by **Weichai, one of the largest automotive and industrial equipment manufacturing groups in the world**. Founded in 1946, Weichai's technical capabilities, global footprint, and a strong background in power generation has made this partnership a perfect match.

Today, Baudouin is proud to deliver **one of the most comprehensive lines of generator drive engines**. Our combined expertise in research and development, precision manufacturing, superior quality, and expansive sales and service support, make Baudouin the ideal partner in the power generation industry.

Global Service & Support

Over 200 partners | Factory-trained technicians | Genuine spare parts | Market-leading warranties



PowerKit by Baudouin

Heritage

100 Years experience in design, manufacturing, support and quality goes into every PowerKit. You can expect reliability, durability and excellent total cost of ownership. Over the life of every product, dependability is guaranteed by our strong European quality, heavy duty components and best-in-class warranties.

Power Range

Our full range of PowerKit products spans 18 to 3125 kVA, a range that few engine manufacturers can match. We are achieving excellence in fuel consumption, load acceptance and power density, making PowerKit a range of choice. And with nine R&D centres across the world, we are continually improving and tailoring our range based on local customer and regulatory requirements.

Design Optimised for Service

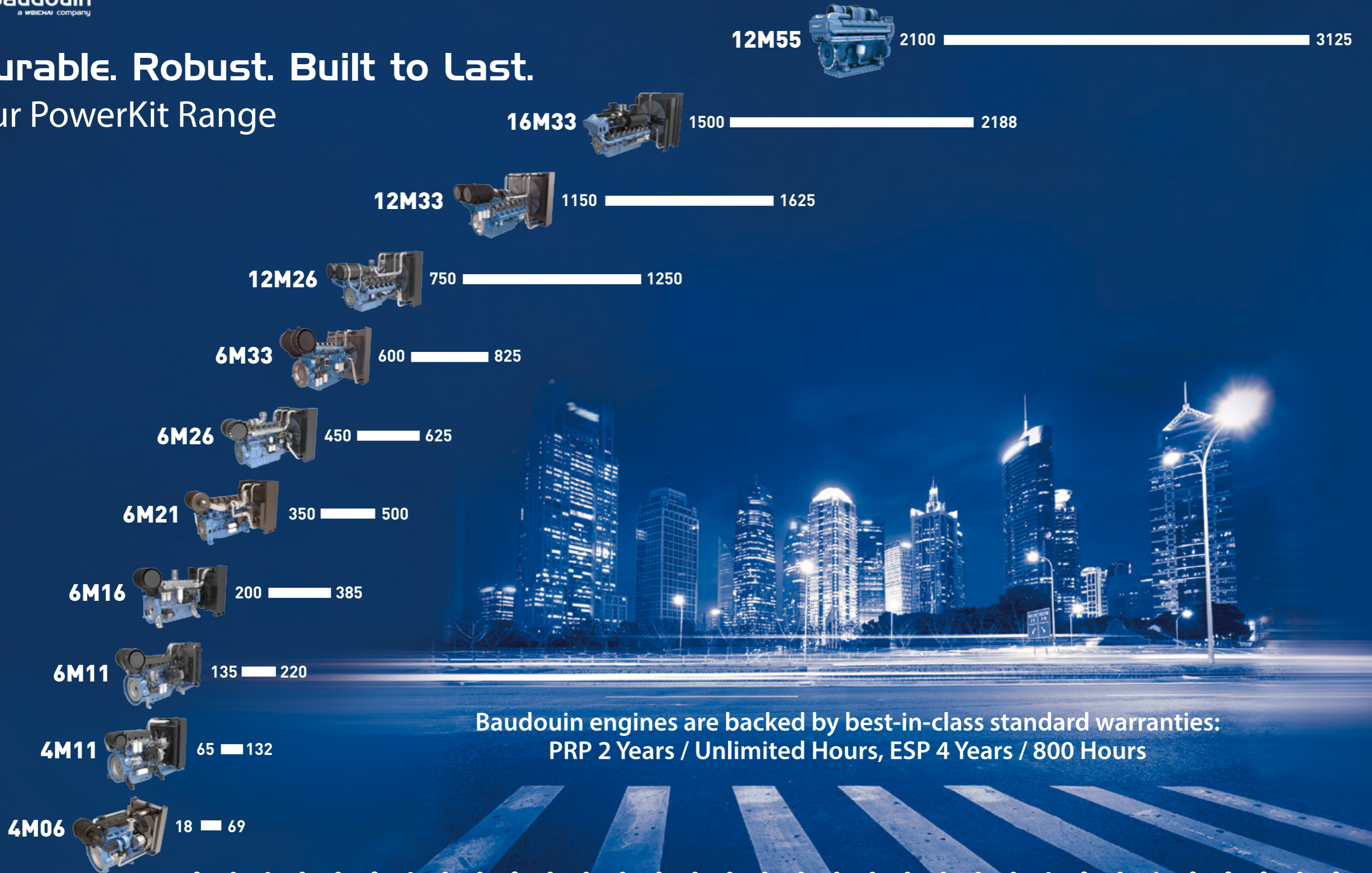
Marine is our DNA. Easy, fast and cost-effective maintenance and servicing are imperative in the marine industry - and our PowerKit engines are designed to meet those same requirements. PowerKit engines are economical to run, thanks to longer intervals between overhauls and quick to service, giving our customers a competitive edge.

Manufacturing Capability

Our partnership with Weichai means that we have huge capacity and flexibility available, so you can count on us to deliver to your requirements on time and to specification. Our state-of-the-art global facilities are ISO9001 certified.

Durable. Robust. Built to Last.

Our PowerKit Range



Baudouin engines are backed by best-in-class standard warranties:
PRP 2 Years / Unlimited Hours, ESP 4 Years / 800 Hours



RATING DEFINITIONS

Emergency Standby Power (ESP)

Emergency standby power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year.

This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

Prime Rated Power (PRP)

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

Notes

- PowerKit Scope of Supply: engine, cooling system, air cleaner (unless otherwise noted).
- All ratings are rounded up and are for guidance only. Please refer to the specific engine technical datasheet for more information.
- All ratings are based on operating conditions under ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of $\pm 5\%$.
- Electrical outputs are based on typical alternator efficiency and are for guidance only.
- kVA Figures are calculated using 0.8 Power Factor.
- Test conditions : 100 kPa, 25°C air inlet temperature, relative humidity of 30%, with fuel density 0.84 kg/L. Derating may be required for conditions outside of these; please contact the factory for details.
- Warranty Terms : PRP = 2 years / unlimited hours;
ESP = 4 years / 800 hours.