



Overview

CASE STUDY:

Duran i Reynals Hospital, Barcelona, Spain

PRODUCT:

PowerKit 20M33

DUTY:

Emergency Stand-by

POWER OUTPUT:

2500 KVA

APPLICATION:

Hospital - Standby power

PARTNERS:

Electra Molins

A Baudouin PowerKit engine powered standby generator has been installed at one of Spain's leading cancer hospitals, ensuring this life-saving institution will stay up and running. A bespoke installation was required to integrate with the hospital's existing genset setup.

The Catalan Institute of Oncology is one of Spain's top specialized cancer units, based at the Duran i Reynals Hospital in Barcelona. The hospital's mission is to reduce the impact of cancer across this region of the country.

To ensure the hospital can continue its high-priority work, Baudouin was chosen by local partner Electra Molins to replace and install a new genset. Baudouin and Electra Molins have previously collaborated on numerous projects in this sector, demonstrating proven experience and reliability.

It's not just this proven track record that made Baudouin the engine manufacturer of choice, but also the PowerKit 20M33's four-year warranty. This was a pivotal factor in choosing a Baudouin PowerKit engine.

This was not a standard off-the-shelf installation. Over many years, the hospital had installed two synchronized gensets from another manufacturer, and one was already out of order. Electra Molins had to parallelize a new genset alongside an old 30-year-old unit from a different engine brand.

This presented several challenges, but ones that the Baudouin and Electra Molins team was able to overcome.

Mechanically, the main challenge was to adapt the powerful Baudouin engine to the existing space and distribution. The collaboration between the technical and engineering departments of Baudouin and Electra Molins managed to change the old electronic system used by the older engine, and to adapt the alternator to a modern synchronizing module control.

There were other competitive advantages that Baudouin had over the competition too. Our partner Electra Molins had experience with the M33 platform and this engine and understood the simplicity of

governing the electronic synchronization system. They also knew they could rely on a turnkey offering and, of course, the long-term warranty all made Baudouin superior.

Baudouin quickly and efficiently delivered a bespoke solution to meet this important client's specific needs, with the new system fully up and running by March 2023.

A spokesman for Baudouin commented, "Because hospitals are still under unprecedented pressure to provide care for patients across the world, it is Baudouin's responsibility to support them with quality power systems."

This is just one of the latest applications for Baudouin's PowerKit engines, which are used around the world to support hospitals and data centers, and to provide power for mining, construction, and agriculture.

Leading the market, Baudouin's comprehensive range of engines with the PowerKit M33 platform spans 570-2500 kVA. Over the life of every Baudouin engine, reliability is guaranteed by strong European quality standards, and access to a global service and support network. This includes trained partners worldwide who can provide aftercare and access genuine spare parts, shipped within 24 hours of ordering. PowerKit also provides exceptional cost-efficiency, with extended mean time between overhauls (MTBO).

Baudouin is proud to have supported this important installation at the Duran i Reynals Hospital, powering change for such a valuable cause.

