

# STAMFORD® CRITICAL POWER

## Case history

Specialised solutions for the healthcare sector  
ensuring uninterrupted power supply

**Where:**

England, United Kingdom

**Specified:**

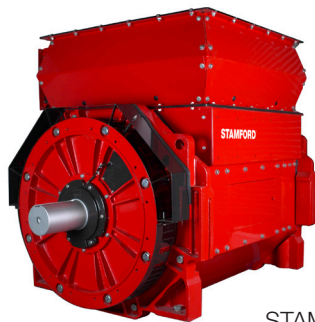
STAMFORD P80 High Voltage (HV)

**Purpose:**

Critical power for hospital

**Prime Mover:**

QSK78G9



STAMFORD P80

Green Power Systems Srl is a dynamic Italian company, leader in the design and manufacture of diesel generator sets. Green Power has achieved a primary position in both the Italian and international market thanks to its strength points: high quality products, reliable performances, worldwide after sales service and global dealers network.

The most relevant care of Green Power is the total customers' satisfaction with the constant improvement of the products and services, with continuous innovation and technologies at the forefront and with a team of professionals that are always committed to establish professional as well as interpersonal consolidated relationships with collaborators and customers.

Green Power is engaged in activities to support their local community and offer a broad product range for multiple kind of applications and with low emissions systems.

Their systems are designed to meet the power requirements of various projects; with a capacity of 3000kVA, their solutions cater to a wide range of applications, from residential to industrial projects.

**STAMFORD | AvK™**

POWERING TOMORROW, TOGETHER

**"STAMFORD alternators were specifically selected for their reliability and high level of quality which plays a crucial role in the healthcare sector."**



One of the notable projects that Green Power was involved in was the installation of standby power for a hospital in England, ensuring the healthcare facilities had access to reliable back up power and playing a critical role in uninterrupted power supply, particularly during emergencies and grid failures.

The standby power installed provides a reliable backup power source, enabling them to continue their critical operations, such as life-saving medical procedures and patient care, even during power outages.

Green Power collaborated with STAMFORD | AvK during the specification process of the project for their expertise in power solutions and their understanding of the healthcare sector which played a crucial role in ensuring that the systems met the stringent requirements of hospitals.

#### **Reliable products for specialised solutions**

The alternator is recognised as a crucial component in power generation systems, with the STAMFORD P80 HV at 2500kVA utilised in this healthcare project. One of the key considerations in selecting the STAMFORD P80 HV alternator for this project was for its ability to withstand vibrations while maintaining

optimal performance, in addition to its reliable and efficient reputation.

The prime mover, the Cummins QSK78G9 is responsible for converting fuel into mechanical energy, driving the alternator to generate electricity, ensuring efficiency, durability and optimal performance in their power generation systems.

The generator sets were installed in containers to minimise noise levels, ensuring a quiet and conducive environment within the hospital premises.

Green Power's expertise in providing specialised solutions for the healthcare sector was instrumental in the successful implementation of this project. By understanding the unique requirements and regulations governing hospitals, Green Power tailored their solutions to meet the specific needs of these critical facilities.



We are here to support your future decarbonisation goals, through our end-to-end expertise in versatile solutions. Backed by the reassurance of our world-renowned brands recognised for reliability and complete peace of mind, we are with you on your journey towards sustainability.



[stamfordavk.li/future-ready](https://stamfordavk.li/future-ready)

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