

STAMFORD® STANDBY POWER

Case history

Power backup solution for Pharmaceutical, Sri Lanka

Where:
Sri Lanka

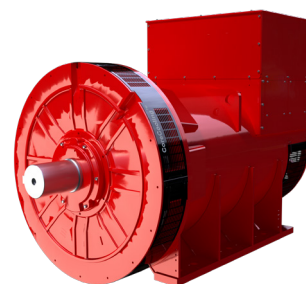
Specified:
STAMFORD S7 Low Voltage (LV)

Prime Mover:
Mitsubishi S16R-PTAA2

Purpose:
Power backup solution for Pharmaceutical,
Sri Lanka

Founded in 1977 and headquartered in Turkey, EMSA Generator delivers trusted energy solutions in over 100 countries across six continents. For this critical installation in Sri Lanka, EMSA partnered with STAMFORD® to provide a dependable backup power solution to Synergy Pharmaceuticals Corporation Pvt. Ltd., a key pharmaceutical manufacturer in the region.

Synergy Pharmaceuticals specializes in the production of Oral Solid Dosage (OSD), injectables, oncology, and hormonal drugs, all of which demand a stable and uninterrupted power supply to meet stringent production and compliance standards. To support these operations, EMSA deployed a standby generator set powered by STAMFORD S7 alternators, ensuring business continuity and product integrity.



STAMFORD S7 LV

“STAMFORD alternators contributed to the improved operational efficiency and greater resilience in production capabilities for customer.”



Project Scope

To meet the client's objectives for power reliability, EMSA delivered a complete turnkey solution. This included the supply, transportation, installation, and commissioning of two 2,200 kVA standby generator sets. An advanced control system was integrated to facilitate efficient power management and enable seamless transitions during grid power interruptions.

Technical Specification

The solution featured two EMSA E MH ST 2200 generator models, each providing 2,200 kVA standby power and 2,000 kVA prime power. Each generator was powered by a Mitsubishi S16R-PTAA2 engine and paired with STAMFORD® S7L1D-G, to deliver high performance and proven reliability in critical standby applications.

Location & Industry Role

The project was implemented at Synergy Pharmaceuticals Corporation Pvt. Ltd. in Sri Lanka. As a major player in the pharmaceutical industry, the facility supports both local and international markets with high-quality medications. Given the sensitivity of pharmaceutical manufacturing to power interruptions, the site required a robust, high-performance solution that could operate seamlessly during outages.

Objective

The primary objective of the project was to ensure the uninterrupted operation of the production lines in the event of a utility power failure. In the pharmaceutical industry, power disruptions can lead to significant consequences, including batch losses, compromised

product quality, regulatory issues, and missed delivery deadlines. The backup system needed to respond immediately and operate efficiently to prevent such risks and maintain the integrity of the manufacturing process.

Client Satisfaction

Synergy Pharmaceuticals expressed high satisfaction with the system performance. Since installation, the generator sets have successfully safeguarded operations from interruptions, preserving the consistency of production and ensuring compliance with quality standards. The use of STAMFORD alternators contributed significantly to the system's reliability. The client acknowledged improved operational efficiency and greater resilience in their production capabilities, enabling them to meet both domestic and export demands without concern for power disruptions.



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