



200 kVA UPS Backup Solution - Reliable Power for Semiconductor Manufacturing



Company
GEROBAT

Gerobat Ltd.

Location

Sofia, Bulgaria

Product

GPL12800

Installation Date

2024

Application

Emergency Backup UPS
200 kVA

Uninterruptible Power Supply (UPS) systems are essential for maintaining stable power, especially in production environments. UPS systems provide emergency power during outages and effectively mitigate issues such as surges, load fluctuations, and extreme weather conditions, protecting equipment from potential electrical disruptions. In precise semiconductor production, the UPS system ensures that production equipment receives continuous, stable power support, preventing downtime or production losses due to power issues.

Through a partnership with Gerobat Ltd. in Bulgaria, CSB supplied a complete rack system for a major UPS manufacturer's 200 kVA project, including two strings of GPL12800 batteries and necessary accessories to meet the semiconductor production line's high-reliability backup power needs. Known for its long life and exceptional durability, the GPL series is ideal for various applications. CSB's GPL12800 batteries use 99.99% pure lead for the grid and critical components, significantly extending battery life while maintaining superior discharge characteristics and reliability, even in challenging environments.

CSB's expertise in energy storage, combined with Gerobat's extensive experience in service, installation, and engineering support, ensures the UPS system operates smoothly during power fluctuations and outages, providing stable power for high-demand production environments. Gerobat shared, "CSB batteries became our choice because of their exceptional discharge performance, consistent quality, and adaptability across a wide temperature range, along with CSB's reliable and timely delivery. When your business is seeking dependable power systems and customized solutions for critical power needs, CSB and Gerobat are the trusted choice."