



Case study

SAFEGUARDING SERVERS

Smart App Sinewave UPS Systems



POWERING CUSTOMER SUCCESS



CyberPower's portfolio of power protection solutions include Smart App Sinewave UPS Systems, which are designed to meet the growing demands for IT applications. From project scoping to professional commissioning and service, CyberPower can deliver a complete power protection solution.

CyberPower®

About CyberPower

Founded in 1997, CyberPower designs, manufactures, and delivers award-winning power protection solutions, including uninterruptible power supply (UPS) systems, power distribution units (PDUs), surge protectors, mobile charging devices, connectivity, and power management software to customers worldwide.

Solution Summary

Location: Kanagawa, Japan

Opportunity: To provide JGC Holdings backup power for servers, JGC was looking for stable, reliable power backup solutions to safeguard its critical devices under diverse power conditions.

CyberPower Solution: Smart App Sinewave UPS Systems.

Results: JGC Holdings has come to rely on CyberPower as their trusted partner for battery backup, power protection, and management.

KEEPING MISSION-CRITICAL EQUIPMENT POWERED AND PROTECTED

RELIABLE POWER PROTECTION FOR ENGINEERING



ABOUT JGC HOLDINGS



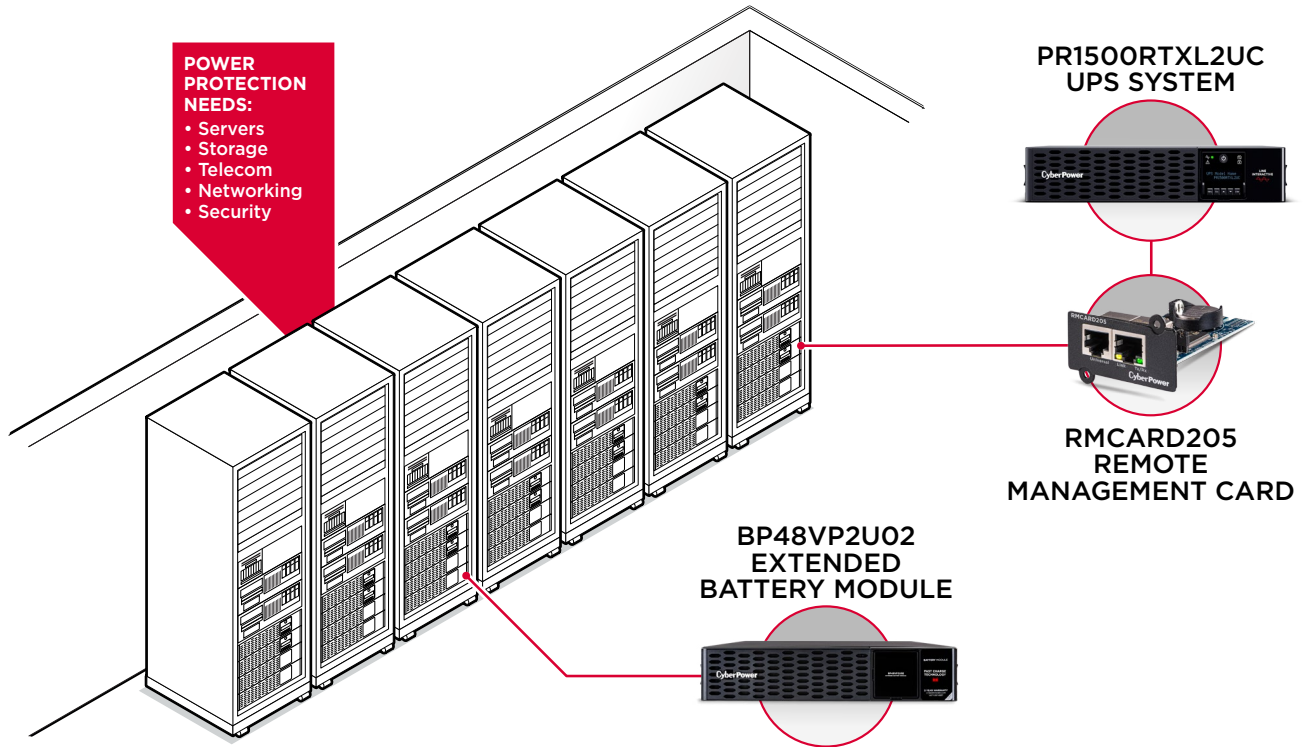
Founded in 1928, JGC Group is an engineering company with operations in Kanagawa, Japan. JGC Group provides engineering, procurement, and construction (EPC) services for a wide range of industries, including energy, chemicals, and metals. The company has a strong track record in the construction of large energy projects, oil refineries, and petrochemical plants and involved in the development of new technologies, such as carbon capture and storage. JGC has over 90 years of expertise, 7900 employees, and has completed more than 20,000 projects in over 80 countries.

SITUATION: CONSISTENT POWER PROTECTION REQUIRED FOR SERVERS

JGC Holdings sought a comprehensive power protection solution to safeguard the IT servers of its Yokohama facilities against inclement weather and unpredictable power conditions. As an island nation, Japan is impacted by typhoons, a type of tropical cyclone that forms in the western Pacific Ocean that can cause widespread damage and power outages.

TASK: TRUSTWORTHY POWER PROTECTION

Ensuring the continuing operations of its IT systems is a top priority for JGC. Clean, uninterrupted power is critical for the productivity of IT servers, especially during extreme weather conditions. Further, power management software would provide visibility to the power status for JGC Holdings' various satellite locations.



ACTION: SINEWAVE, SEALED, DELIVERED

CyberPower implemented a comprehensive power protection solution featuring 50 Smart App Sinewave UPS Systems to safeguard JGC Holdings' servers during a power outage or event. The UPS systems feature an output power factor of 1, which is capable of connecting to more critical loads than a conventional UPS. It features automatic voltage regulation (AVR), which provides clean, consistent AC power by automatically increasing low voltage without using battery power when minor fluctuations in incoming utility power occur.

This UPS systems feature seamless sine wave output, which eliminates power gaps that may cause unexpected shutdowns as well as battery equalization technology, which optimizes battery life by maintaining the battery's voltage level while charging the battery quickly and safely. Users may prolong their power protection and life of the UPS system with compatible extended battery modules and replacement batteries. Finally, its remote management capability allows off-site UPS management and monitoring via the optional SNMP card and PowerPanel® Business power management software.

POWERING CUSTOMER SUCCESS

RESULT: UPS SERVES & PROTECTS SERVERS

CyberPower has successfully upgraded the power protection of JGC Holdings' servers by providing professional battery backup systems and surge protection to ensure continuous operations of IT infrastructure during storms and outages. Now, JGC Holdings can rest easy knowing their equipment is protected from power events and they can efficiently monitor and manage their power across multiple locations via PowerPanel® software.



From basic to advanced power protection, CyberPower is your ultimate ally in power. To learn more, contact a CyberPower sales associate and or visit cyberpowersystems.com/products/ups/smart-app-sinewave/.

CYBER SNAP SHOT

Who? JGC provides EPC services for a wide range of industries, including energy, chemicals, and metals. JGC required backup power protection for its corporate IT servers.

What was learned? Storms are always a threat to the power grid and Japan is often threatened by powerful winds from typhoons. Ensure seamless operations of your IT servers and infrastructure with the right type of battery backup and monitoring capabilities, now and in the future.

Why it matters? Power protection and monitoring capabilities are critical for business productivity and IT operations for an engineering organization.

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