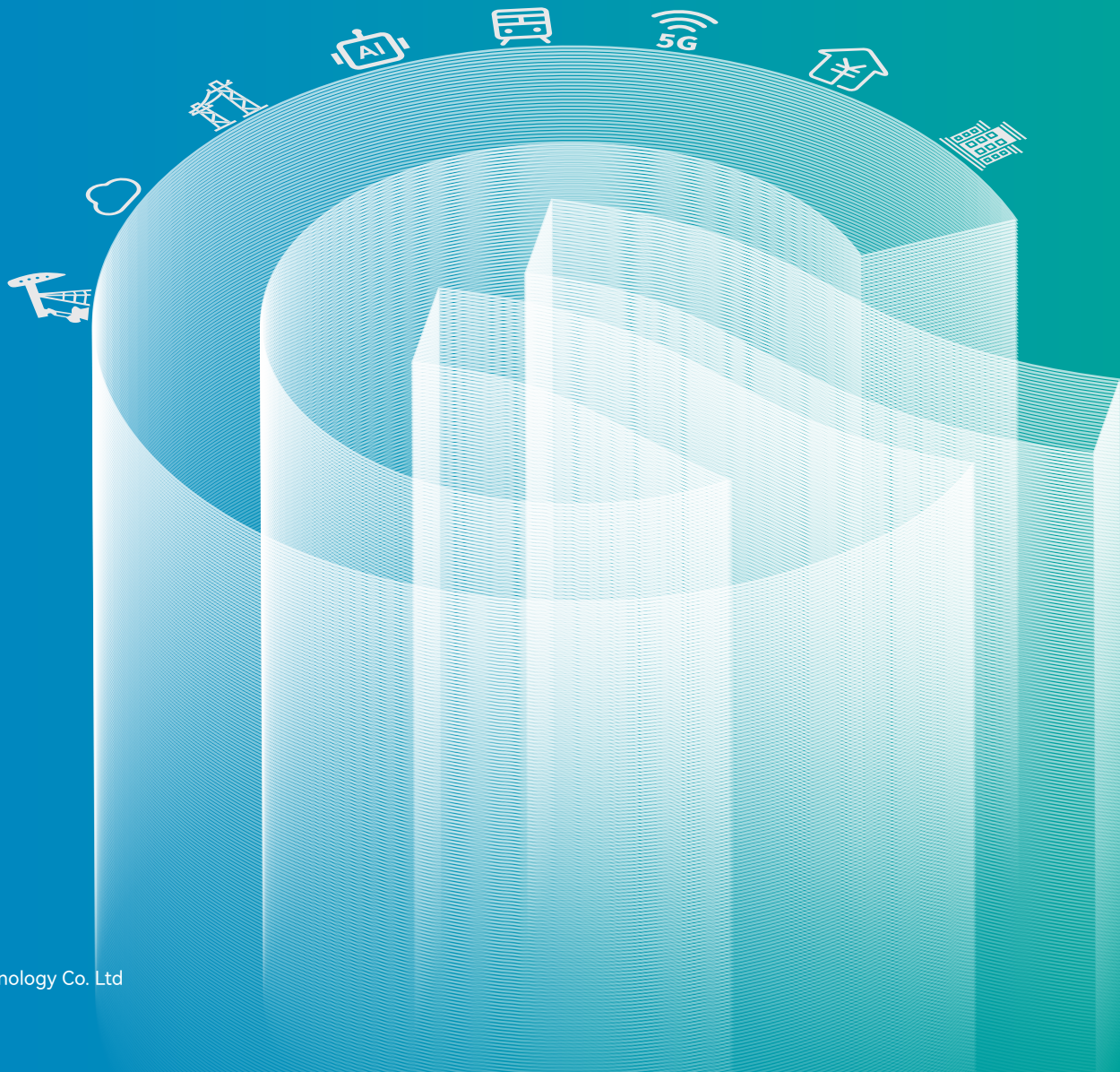# GERCHAMP

Battery Monitoring System for Lead-acid Batteries

Gerchamp Case Story

GERCHAMP

Gerchamp delivers advanced BMS solutions trusted by mission-critical sectors worldwide. With a proven track record in hyperscale data centers, our BMS technology ensures continuous, safe, and efficient battery performance under the most demanding conditions.

Backed by successful deployments across globe and industries, we are powering the future of intelligent, reliable critical infrastructure.

ByteDance Data Center Project

CASE1

— **Benchmark project integrating AI+5G**
— **Monitoring over 69,132 batteries**

Gerchamp provides BMS solution for ByteDance's cloud service arm. With a total investment of approximately $1.03 billion, this large-scale initiative is designed to become a key infrastructure asset in the "AI + 5G" era.

Our advanced Battery Monitoring Systems have been deployed across four data centers, supporting over 120,000 AI servers, ensuring high reliability, safety, and operational efficiency for critical power backup in data center environments.

Alibaba Data Center Project

— Monitoring over **170,000** batteries
— Hyperscale data centers

Alibaba Cloud Data Center is the computing brand under the Alibaba Group, a world-leading cloud computing and artificial intelligence technology company.

Since 2015, GERCHAMP has provided battery monitoring system solutions for Alibaba Cloud Data Center with its leading BMS technology and high-quality services, ensuring the security and safety for its critical backup power supply.

Vietnam Telecom Data Center Project

— Monitoring **15,232** batteries

GERCHAMP provides the industry-leading online battery monitoring solution for the stable operation of the Viettel data center, working with early warning and battery balancing functions to help customers better grasp the battery status.

China Telecom Project

- — **Largest data center in Asia**
- — **Monitoring 34,740 batteries**

Gerchamp received full client approval for our role in the China Telecom Cloud Computing project in Inner Mongolia. Our high standards, reliable quality & stellar service helped build Asia's largest data center with 34,740 batteries monitored by our BMS products.

Barclays Bank

— continuous & stable supply of power

Barclays is the second largest and the oldest bank in the UK. Its main business is banking and investment. GERCHAMP's advanced BMS solution supports the continuous operation of the power supply of Barclays Bank, monitoring hundreds of batteries to ensure the stable progress of every financial transaction.

CASE5

Singapore Metro Project

— Monitoring 8,511 batteries

GERCHAMP provides safety support for the critical backup power supply for the Singapore SBST Downtown Line, ensuring a safe and efficient operation of this essential route within the CBD area.

CASE6

About
Gerchamp

Gerchamp, a Huasu brand, specializes in critical power & energy storage solutions, are dedicated to delivering cutting-edge solutions for diverse applications.

Since 2005, we have combined over 20 years of expertise in battery management system, and continues to span our product and technology portfolio, to enhance safety, efficiency, and performance from backup power to energy storage.

North America

☐ +140 1257 9992
✉ info@gerchamp.com
⊙ Suite802, 440 Cobia Drive, Katy,Texas 77494

India & Middle East

☐ +91 981 9945 457
✉ ved.kartik@gerchamp.com
⊙ Office no 1205,145 Business bay, 145, Vallabh BaugLn, Railway Police Colony, Ghatkopar East, Mumbai,Maharashtra 400075

Other Area

☐ +86 153 9808 0718
✉ sales@gerchamp.com
⊙ Building 3, No.1418-50, MoganshanRoad, Hangzhou, Zhejiang Province,310015