

## **XYZ Storage AIOPS2000 Platform Officially Integrated with DeepSeek**

XYZ Storage Technology Corp., Ltd. (XYZ Storage) has officially announced the integration of its AIOPS2000 Smart Energy Storage Operations Platform with DeepSeek, leveraging AI algorithms to drive an intelligent system upgrade.

Focusing on enhancing energy storage safety, efficiency, and reliability, the platform introduces three intelligent modules. With DeepSeek's AI-powered collaborative framework, adaptive learning mechanisms, and multimodal perception algorithms, the system enables seamless data integration across security, trading, and operations modules, achieving a decision feedback delay of less than 2 seconds. It continuously optimizes algorithm parameters across diverse market environments, such as Shandong and Western Inner Mongolia. Additionally, its equipment health scoring system boasts 98.2% accuracy, outperforming manual assessments in predicting battery lifespan.

The AIOPS2000 AI Intelligent Inspection can scan 100 sets of battery cell data in just 0.3 seconds and complete a full-site health diagnosis in 7 minutes. First, it provides comprehensive protection for power station safety. By analyzing over 200 electrochemical parameters, it improves the accuracy of thermal runaway prediction by 2%. Leveraging a decision tree model trained on more than 200,000 fault samples from various energy storage scenarios, it further identifies degradation trends in core equipment such as inverters and temperature control systems. Second, it enables precise arbitrage in the power market. Combining reinforcement learning with a large-scale power market prediction model, it analyzes millions of transaction data points daily. The arbitrage strategy automatically generates solutions for peak-valley arbitrage, demand response, and other scenarios across 12 provincial power markets. Third, it accelerates intelligent maintenance throughout the lifecycle. By learning from over 100,000 fault cases, it speeds up maintenance plan generation by 65%. Through algorithmic optimization of resource allocation, it improves work order response times by 60% and reduces operational costs by 28.9%.

The AIOPS2000 system integrates IoT, cloud computing, big data mining, and digital twin technologies with energy storage operations. It provides unified remote monitoring and intelligent operation support for all managed power stations, enabling comprehensive digital, precise, and efficient operation management. This ensures safe, efficient, and stable operation of power stations, achieving truly smart energy storage operations with minimal human intervention.