

# Global Communication & Data Center Energy Storage Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Communication & Data Center Energy Storage market size will reach Million USD in 2025 and is projected to reach Million USD by 2032, with a CAGR of % (2025-2032). Notably, the China Communication & Data Center Energy Storage market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Communication and Data Center Energy Storage refers to the systems and technologies used to store energy for backup power and operational continuity in data centers and communication networks. These facilities require a reliable, uninterrupted power supply to ensure the continuous operation of servers, telecommunications equipment, and critical IT infrastructure. Energy storage solutions, such as advanced batteries (e.g., lithium-ion), flywheels, and other grid-scale storage systems, are integrated to provide backup during power outages, manage energy loads, and optimize energy efficiency. They can also help reduce costs by storing excess energy during off-peak hours and discharging it when energy demand is high. With the growing reliance on data and communication technologies, energy storage has become a critical component for ensuring the resilience, sustainability, and reliability of these essential services.

The major global suppliers of Communication & Data Center Energy Storage include

ABB, Delta Electronics, Eaton Corporation, General Electric, Huawei Technologies, Legrand, Mitsubishi Electric Corporation, Saft, Schneider Electric, Vertiv Group, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Communication & Data Center Energy Storage. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major suppliers, as well as the market status and trends of different product types and applications in the global Communication & Data Center Energy Storage market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Communication & Data Center Energy Storage market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Communication & Data Center Energy Storage industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Suppliers of Communication & Data Center Energy Storage Include:

ABB

Delta Electronics

Eaton Corporation

General Electric

Huawei Technologies

Legrand

Mitsubishi Electric Corporation

Saft

Schneider Electric

Vertiv Group

Communication & Data Center Energy Storage Product Segment Include:

Batteries

Super Capacitors

Flywheels

Compressed Air Energy Storage (CAES)

Others

Communication & Data Center Energy Storage Product Application Include:

Small Scale Enterprise

Medium Scale Enterprise

Hyperscale Enterprise

Others

## **Chapter Scope**

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