

# Global Data Center Battery Cooling System Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Data Center Battery Cooling System market size is expected to reach \$ 3440 million by 2032, rising at a market growth of 12.3% CAGR during the forecast period (2026-2032).

In 2025, global Data Center Battery Cooling System production reached approximately 154,167 units, with an average global market price of around US\$9,600 per unit.

The gross profit margin of major companies in the industry is between 20% ? 36%.

In 2025, the global production capacity of Data Center Battery Cooling System was approximately 205,556 units.

Data Center Battery Cooling System is a thermal management solution used to control the operating temperature of backup battery arrays and energy storage units in data center environments. It helps improve battery safety, lifespan, and performance consistency by maintaining suitable thermal conditions. The system is increasingly important as data centers expand energy storage deployment and require higher reliability in backup power infrastructure.

The industrial chain of Data Center Battery Cooling System includes upstream compressors, heat exchangers, fans, coolant circuits, sensors, controllers, insulation materials, and cabinet components. Midstream covers system design, thermal simulation, cooling integration, assembly, commissioning, and reliability testing. Downstream applications mainly include UPS battery rooms, modular data centers, backup power systems, energy storage cabinets, and critical digital infrastructure projects.

This report studies the global Data Center Battery Cooling System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Data Center Battery Cooling System and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Data Center Battery Cooling System that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Data Center Battery Cooling System total production and demand, 2021-2032, (Units)

Global Data Center Battery Cooling System total production value, 2021-2032, (USD Million)

Global Data Center Battery Cooling System production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Data Center Battery Cooling System consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Data Center Battery Cooling System domestic production, consumption, key domestic manufacturers and share

Global Data Center Battery Cooling System production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Data Center Battery Cooling System production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Data Center Battery Cooling System production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Data Center Battery Cooling System market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Vertiv, Schneider Electric (APC), Eaton, Modine Manufacturing, Stulz, Rittal, Legrand, Danfoss, Mitsubishi Electric, Daikin Industries, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Data Center Battery Cooling System market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### **Global Data Center Battery Cooling System Market, By Region:**

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### **Global Data Center Battery Cooling System Market, Segmentation by Type:**

Air Cooling System

Liquid Cooling System

Hybrid Cooling System

### **Global Data Center Battery Cooling System Market, Segmentation by Battery**

**Deployment Type:**

Cabinet Battery Cooling System

Rack Battery Cooling System

Containerized Battery Cooling System

**Global Data Center Battery Cooling System Market, Segmentation by Thermal Management Mode:**

Direct Cooling System

Indirect Cooling System

Precision Temperature Control System

**Global Data Center Battery Cooling System Market, Segmentation by Application:**

Small Data Center Cooling

Medium Data Center Cooling

Large & Hyper Data Center Cooling

**Companies Profiled:**

Vertiv

Schneider Electric (APC)

Eaton

Modine Manufacturing

Stulz

Rittal

Legrand

Danfoss

Mitsubishi Electric

Daikin Industries

Huawei Digital Power

Envicool

Kehua Data (Kehua Tech)

Net-Power

Canatal

Cool-Smart

LG Energy Solution

Samsung SDI

Delta Electronics

Narada Power Source

### **Key Questions Answered:**

1. How big is the global Data Center Battery Cooling System market?
2. What is the demand of the global Data Center Battery Cooling System market?
3. What is the year over year growth of the global Data Center Battery Cooling System market?
4. What is the production and production value of the global Data Center Battery Cooling System market?

5. Who are the key producers in the global Data Center Battery Cooling System market?
6. What are the growth factors driving the market demand?

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