Pakistan Company Updates

Nom de la source
Pakistan Company Updates
Type de source
Presse • Fils de presse
Périodicité
En continu
Couverture géographique
Nationale
Provenance
Pakistan

Tuesday, July 12, 2022

Pakistan Company Updates • 852 mots

Latin America Data Center UPS Market Report 2022: Thriving Digital Economy in Latin America Driving Growth

DUBLIN: Research and Markets has issued the following news release:The "Latin America Data Center UPS Market - Industry Outlook and Forecast 2022-2027" report has been added to **ResearchAndMarkets.com's** offering. **The following factors are likely to contribute to the Latin America data center UPS market growth during the forecast period:** Rising Data Center Investments Power Outages to Increase Redundant UPS Adoption Thriving Digital Economy in Latin America 5G to Drive Edge Data Center Investments Adoption of DC UPS Systems to Reduce Power Loss Software-Defined Power & Data Center Infrastructure Automation **KEY HIGHLIGHTS** The Latin America data center UPS market growth is highly dependent on the efficiency of the systems. According to the Uptime Institute, power outages are caused by various factors, such as the failure of UPS systems which accounts for 53%. The adoption of VRLA UPS systems still dominates the Latin America data center UPS market. Companies such as Equinix, EdgeConneX, and Ascenty have adopted VRLA UPS systems. The market for lithium-ion batteries is growing in Latin America to improve the performance of the data centers. For instance, SONDA's Kudos Datacenter is equipped with UPS systems with lithium-ion batteries with 2N redundancy. Latin America is an emerging 5G market, which is creating demand for edge data centers. In an edge data center, lithium-ion can be beneficial as compared to VRLA batteries as it requires less space, less maintenance, and is more energy-efficient. According to the Uptime Institute data center survey, around 79% of power outages happen due to human errors, voltage fluctuation, physical damage to the power line, and incorrect installation, which will increase the procurement of highly effective UPS systems. **SEGMENTAL ANALYSIS The adoption of innovative UPS battery technology is expected to drive the industry** The average time taken for lithium-ion batteries to reach 80% of their maximum capacity is around 15 years compared to the five-year cycle for VRLA battery-based UPS systems. According to Active Power, compared to VRLA batteries, the cost of flywheel systems is high around 10%, which is around 675 kW. Compared to VRLA battery systems, the flywheel system can save around 15%-20% OPEX in five years. < =500 KVA UPS systems will grow due to edge deployments and prefabricated data center operators coming to Latin America. For instance, in September 2021, Amazon Web Services announced its plan to build a new edge facility in Fortaleza, Brazil.Brazil will witness the highest growth during the forecast period, growing at a CAGR of around 11.37%. Brazil had the highest industry share of around 46% in Latin America, followed by Mexico and Colombia in 2021. Unstable power girds present significant opportunities in the Latin America UPS industry. Columbia is equipped with up to 500 kVA UPS systems powered mostly by VRLA batteries with N+1 redundant configuration. For instance, HostDime's Bogota data center facility in Colombia installed 20 UPS systems with a capacity of 500KW. **Segmentation by UPS Battery Technology** Lithium-Ion Flywheel VRLA **Segmentation by UPS System** < =500 kVA >500?1,000 kVA >1,000 kVA **Segmentation by**

Tier Standard Tier I & II Tier III Tier IV **Segmentation by Region** Latin America Brazil Mexico Colombia Chile Rest of Latin America **Key Vendors** ABB Eaton Huawei Technologies Mitsubishi Electric Schneider Electric Vertiv **Key Topics Covered: 1 Research Methodology 2 Research Objectives 3 Research Process 4 Scope & Coverage** 4.1 Market Definition4.2 Base Year4.3 Scope of the Study4.4 Market Segments **5 Report Assumptions & Caveats** 5.1 Key Caveats5.2 Currency Conversion5.3 Market Derivation **6 Market at a Glance 7 Premium Insights** 7.1 Key Highlights7.2 Segmental Analysis7.3 Vendor Analysis **8 Introduction** 8.1 Overview8.2 UPS Design Considerations8.3 UPS Technology & Sustainability8.4 Electricity Pricing in Latin America by Country8.5 Data Center Site Selection Criteria **9 Market Opportunities & Trends** 9.1 5G to Drive Edge Data Center Investments9.2 Innovative UPS Battery Technology9.3 Adoption of Dc UPS Systems to Reduce Power Loss9.4 Software-Defined Power & Data Center Infrastructure Automation **10 Market Growth Enablers** 10.1 Rising Data Center Investments10.2 Power Outages to Increase Redundant UPS Adoption10.3 Thriving Digital Economy in Latin America10.4 Cloud, Ai, Big Data, & IoT in Latin America **11 Market Growth Restraints** 11.1 Increased Failure of UPS Batteries11.2 Supply Chain in Latin American Countries11.3 Increased Opex Due to High Procurement & Maintenance Costs **12 Market Landscape** 12.1 Market Overview12.2 Investment: Market Size & Forecast12.3 Power Capacity12.4 Five Forces Analysis **13 UPS Battery Technology 14 UPS Systems 15 Tier Standards 16 Geography 17 Brazil 18 Mexico 19 Colombia 20. Chile 21. Rest of Latin America 22. Competitive Landscape** 22.1 Competition Overview **26. Quantitative Summary** 26.1 Latin America Data Center Power Market26.2 UPS Market by Systems Capacity26.3 UPS Battery Technology26.4 Geography: Power Infrastructure Investment26.5 Geography: Power Capacity26.6 Tier Standards26.7 Brazil26.8 Mexico26.9 Colombia26.10 Chile26.11 Rest of Latin America