Supercapacitor Market by Type (Double Layer, Pseudocapacitor, and Hybrid), Application (Laptop, Camera, Power Backup, Memory, UPS, Aircraft, Solid-State Disc Drives) Vertical, and Geography - Global Forecast to 2022

Description: The supercapacitor market is estimated to be valued at USD 568.2 million in 2015 and is estimated to grow at a CAGR of 20.7% between 2016 and 2022. The key driving factors for the growth of the market include high storage capabilities as compared to conventional capacitors and batteries and capabilities of supercapacitors. On the other hand the initial cost of materials is restraining the supercapacitor market.

Supercapacitors are used widely in the consumer electronics industry. There are several consumer electronic applications that require a burst of power such as smartphones, laptops, cordless tools, emergency kits, flashlights, toys, kitchen gadgets, and computers, among others. As supercapacitors have ability to offer quick charging and discharging, and delivery of very high-power pulses, it makes supercapacitors appropriate for consumer electronics products. The shelf life of the consumer electronic applications increases and hence the supercapacitor could be a substitute for batteries.

The market in APAC is expected to grow at the highest rate between 2016 and 2022 owing to the increasing industrialization and urbanization in this region. The emergence of new technologies in Asia-Pacific has increased the demand for innovative and user-friendly communication. Supercapacitor is one such technology that offers benefits such as high energy storage and help in harvesting energy from regenerative braking of vehicles, among other benefits. Japan, China, India, and South Korea hold a significant share of the supercapacitor market in the APAC region.

Breakdown of the profile of primary participants:
- By Company Type: Tier 1 - 40%, Tier 2 - 35%, and Tier 3 - 25%
- By Designation: C-Level - 35%, Directors - 25%, and Others - 40%
- By Region: North America - 45%, APAC - 30%, Europe - 20%, and RoW - 5%

The major key players offering various products in the supercapacitor market in this region includes Murata Manufacturing Co., Ltd. (Japan), Maxwell Technologies, Inc. (U.S.), Panasonic Corporation (Japan), CAP-XX Limited (Australia), and Nesscap Energy Inc. (Canada), Axion Power International, Inc. (U.S.), ELNA CO., LTD. (Japan), Axion Power International, Inc. (U.S.), LS Mtron LTD. (Korea) and Northrop Grumman Corporation (U.K.) among others.

Research Coverage:
In this report, various segments such as type, application, vertical, material and geography have been covered. It also discusses about the drivers, restraints, opportunities, and challenges pertaining to the market. The report gives a detailed view of the market across four main regions: the Americas, Europe, APAC, and RoW (comprising the Middle East and Africa). The Porter's five forces analysis has been included in the report, along with the description of each of its forces and their impact on the said market.

Reasons to Buy the Report:
- This report includes the market statistics pertaining to material, type, application, product and geography.
- The Porter's five forces framework has been utilized along with the value chain analysis to provide an in-depth insight into the telepresence market.
- Major drivers, restraints, challenges, and opportunities for the supercapacitor market have been detailed in this report.
- Illustrative segmentation, analysis, and forecast for markets based on material, type, application, product and geography have been conducted to give an overall view of the market.
- A detailed competitive landscape is given that includes key players, revenue of key players, and strategic developments among others.
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