

# Dynamic Voltage Restorer (DVR): Market Research Report

<https://marketpublishers.com/r/D72BA223AFCEN.html>

Date: June 2012

Pages: 197

Price: US\$ 4,500.00 (Single User License)

ID: D72BA223AFCEN

## Abstracts

This report analyzes the worldwide markets for Dynamic Voltage Restorer (DVR) in US\$ Million.

The report provides separate comprehensive analytics for North America, Europe, Asia-Pacific, and Rest of World.

Annual estimates and forecasts are provided for the period 2010 through 2018.

A six-year historic analysis is also provided for these markets.

The report profiles 16 companies including many key and niche players such as ABB Ltd., American Superconductor Corporation, S&C Electric Company, Inc., and Hykon Power Electronics Private Ltd.

Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based upon search engine sources in the public domain.

## Contents

### **I.INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS**

Study Reliability and Reporting Limitations  
Disclaimers  
Data Interpretation & Reporting Level  
Quantitative Techniques & Analytics  
Product Definitions and Scope of Study

### **II. EXECUTIVE SUMMARY**

#### **1.INDUSTRY OVERVIEW**

A Prelude  
Current & Future Analysis  
Voltage-Sensitive Instrument Facilities Expected to Drive Demand for DVRs  
DVR Market to Witness Robust Growth Momentum among Asia-Pacific Countries  
Demand Dynamics and Outlook

#### **2.POWER INDUSTRY - A REVIEW**

Introduction  
Growing Environmental Concerns  
Power Supply And Other Power Problems  
Long Range Power Reliability: “The Key Success Factor”  
What is Reliability?

#### **3.PRODUCT OVERVIEW**

Need for Power Protection  
Power Protection Systems  
Power Quality & Its Significance in the Modern-World  
Power Quality Problems  
Dynamic Voltage Restorers  
Definition  
Benefits  
DVRs vs. Voltage Regulators  
Components

Energy Storage Units  
Capacitors  
Superconducting Magnetic Energy Storage (SMES)  
Fuel Cells  
Batteries  
Pumped Hydro  
Compressed Air Energy Storage (CAES)  
Flywheels  
Voltage Source Converters  
Passive Filters  
By-Pass Switch  
Voltage Injection/Booster Transformers  
Standards Related to Voltage Sags  
IEEE Standards

**IEEE 493-1990****IEEE 446-1995****IEEE 1250-1995****IEEE 1159-1995****IEEE 1100-1999**

SEMI International Standards

**SEMI F42-0999****SEMI F47-0200**

Select Mitigation Equipment Used for Solving Power Quality Problems  
Thyristor-based Static Switches  
Surge and Lightning Arrestors  
Custom Power Devices  
Operating Modes  
Protection Mode  
Standby Mode  
Boost/Injection Mode

Voltage Injection/Compensation Methods  
Pre-sag Compensation Method  
In-Phase Compensation Method  
In-Phase Advanced Compensation Method  
Voltage Tolerance Method

#### **4.APPLICATION MARKETS**

Electric Utilities  
Process Industries  
Automotive Manufacturing  
Electronics and Computers

#### **5.FOCUS ON SELECT KEY PLAYERS**

ABB Ltd. (Switzerland)  
American Superconductor Corporation (US)  
S&C Electric Company, Inc. (US)  
Hykon Power Electronics Private Ltd. (India)

#### **6.GLOBAL MARKET PERSPECTIVE**

**Table 1.** World Recent Past, Current and Future Analysis for Dynamic Voltage Restorers by Geographic Region – North America, Europe, Asia-Pacific, and Rest of World Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

**Table 2.** World Historic Review for Dynamic Voltage Restorers by Geographic Region – North America, Europe, Asia-Pacific, and Rest of World Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

**Table 3.** World 15-Year Perspective for Dynamic Voltage Restorers by Geographic Region – Percentage Breakdown of Dollar Sales for North America, Europe, Asia-Pacific, and Rest of World Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

### **III. MARKET**

## 1.NORTH AMERICA

### A. Market Analysis

Market Review

Key Players

### B. Market Analytics

**Table 4.** North American Recent Past, Current and Future Analysis for Dynamic Voltage Restorers Market with Annual Revenues in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

**Table 5.** North American Historic Review for Dynamic Voltage Restorers Market with Annual Revenues in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

## 2.EUROPE

### A. Market Analysis

Market Review

Key Players

### B. Market Analytics

**Table 6.** European Recent Past, Current and Future Analysis for Dynamic Voltage Restorers by Geographic Region – France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

**Table 7.** European Historic Review for Dynamic Voltage Restorers by Geographic Region – France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

**Table 8.** European 15-Year Perspective for Dynamic Voltage Restorers by Geographic Region – Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, and Rest of Europe Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

### 3.ASIA-PACIFIC

#### A. Market Analysis

Power Industry: A Brief Review

A Regional Perspective

China

India

Key Player

#### B. Market Analytics

**Table 9.** Asia-Pacific Recent Past, Current and Future Analysis for Dynamic Voltage Restorers Market with Annual Revenues in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

**Table 10.** Asia-Pacific Historic Review for Dynamic Voltage Restorers Market with Annual Revenues in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

### 4.REST OF WORLD

#### A. Market Analysis

Brazil

#### B. Market Analytics

**Table 11.** Rest of World Recent Past, Current and Future Analysis for Dynamic Voltage Restorers Market with Annual Revenues in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

**Table 12.** Rest of World Historic Review for Dynamic Voltage Restorers Market with Annual Revenues in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

### IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 16 (including Divisions/Subsidiaries - 17)

The United States (7)

Europe (2)

- Germany (1)
- Rest of Europe (1)
- Asia-Pacific (Excluding Japan) (8)

## I would like to order

Product name: Dynamic Voltage Restorer (DVR): Market Research Report

Product link: <https://marketpublishers.com/r/D72BA223AFCEN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/D72BA223AFCEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970