

Global Organic Photovoltaics (OPVs) Market Research Report - Industry Analysis, Size, Share, Growth, Trends and Forecast 2015 - 2022

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Abstracts

Organic photovoltaics (OPVs) are systems, which convert solar energy to electrical energy using molecular or polymeric absorbers. This technology will be surely beneficial in addressing the issues on global energy needs and environmental health.

Developments in organic photovoltaics have increased power conversion efficiency from 3% to over 11%. Organic photovoltaics (OPVs) technologies have improved from materials used to device structures in the recent years. Organic photovoltaics (OPVs) market attributes to low capital expenditures, low energy production costs and performance under indoor lighting conditions. All these improvements and developments are leading the organic photovoltaics (OPVs) towards commercial viability in the target market.

Organic photovoltaics (OPVs) can be segmented based on efficiency as small molecule, polymer and perovskite. Perovskite organic photovoltaics have high efficiency than the other two. Based on applications market organic photovoltaics (OPVs) are segmented as building-integrated (BIPV), building-applied (BAPV) and solar chargers. Organic photovoltaics (OPVs) are segmented based on end-use as residential, non-residential and utility.

With innovation and vigorous research in this field of Organic photovoltaic (OPV) technologies, companies are eyeing on the diverse range of market segments where Organic photovoltaics (OPVs) can be applied. These segments includes automotive, posters and point-of-purchase (PoP) advertising, apparels, consumer electronics, off-grid applications for the developing world, power generation, and building integrated photovoltaics.

Europe holds the largest share of Organic photovoltaics market because of the presence of leading Organic photovoltaics (OPVs) manufacturing companies and government policies, followed by North American region. Geographically, the global organic photovoltaics (OPVs) market is segmented as North America, Europe, Asia Pacific, Latin America and MEA. Heliatek GmbH, Disa Solar Inc., Belectric OPV GmbH, Solarmer Energy, Sumitomo Chemical Co., Ltd., New Energy Technologies, Inc. and Mitsubishi Chemical Corporation and others are the leading companies in the global organic photovoltaics (OPVs) market.

Decision Databases is involved in providing research reports and company profiles in the global organic photovoltaics market in terms of revenue and output/volume. Market drivers, opportunities and restraints are thoroughly studied which influences the market. This study is further utilized for the overall analysis of the market. The organic photovoltaics market is segmented based on the global applications and geographic presence. We offer an inclusive category-specific market outlook. We provide access to a comprehensive collection of companies in the industry. The companies can strategize and execute business operations through our competitor analysis. Find the global industry analysis, market size, share, growth, and trends information in our organic photovoltaics profiles.

SEGMENTATION IN REPORTS:

Organic Photovoltaics (OPVs) Market Analysis By End-Use:

Residential

Non-Residential

Utility

Power Plant Application

Military Application

Others (Space and Defence, Industrial Projects, etc.)

Organic Photovoltaics (OPVs) Market Analysis By Geography:

North America

Europe

Asia Pacific

Latin America

Middle East And Africa

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