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GLOBAL SWITCHING POWER SUPPLY INDUSTRY 2023 REPORT

Strategies for A Changing Market For AC-DC Switchers & DC-DC Converters

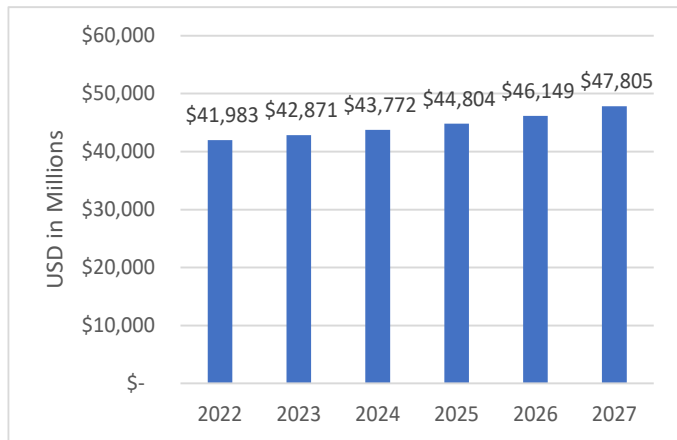
The new Global Switching Power Supply Industry 2023 report explores the future market trends for the power supply industry including role of high-growth AC chargers and DC fast chargers for the emerging electric vehicles. Due to the diverse nature of the power supply applications, some will be impacted more severely than the others. The report explores identifiable market niches for growth and profits, for the tactical decision making and strategic planning.

Battery chargers for electric vehicles are not included in this report. MTC concluded that BC for EV is a separate industry and not a part of Switching Power Supply Industry.

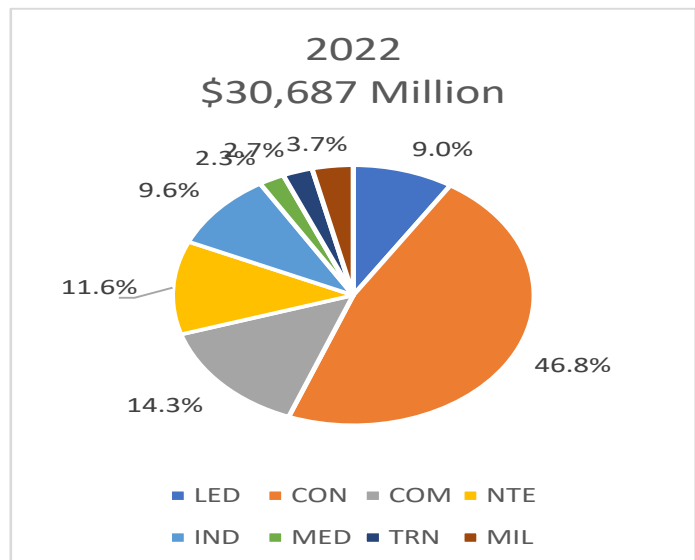
The comprehensive report provides detailed information about products/marketing/business perspectives that includes:

- Total market: 2022: \$41,983 million
- Merchant market: 2022: \$30,687 million
- Short and long term trends in products and markets
- Emerging trends
- Competitive analysis
- Analysis of various business models

Global Switching Power Supply Consumption AC-DC Switchers & DC-Dc Converters Merchant & Captive



Global Consumption of Merchant Switching Power Supplies Market Segments



GLOBAL SWITCHING POWER SUPPLY INDUSTRY 2023 REPORT

MTC's Global Switching Power Supply Industry Report published annually, provides the state of the power supply industry and trends of the future. It includes a detailed market forecast, technology and applications trends and competitive analysis. The report provides a macro picture of the industry and micro analysis of the market development for decision making and strategic planning. The report includes Global Power Supply Market Analysis in the following areas:

- Products: AC-DC Switchers & DC-DC Converters
- Regions: Americas, EMEA—Europe, Middle East & Africa. APAC—Asia/Pacific & ROW-Rest of the World
- Markets:
 - LED—LED Lighting
 - CON—Consumer/Retail Equipment
 - COE—Computer/Office Equipment
 - NTE—Networking/Telecom Equipment
 - IND—Industrial/Instrumentation Equipment
 - MED—Medical Equipment
 - TRN—Transportation Systems: Road, Rail, Marine & Commercial Aviation
 - MIL—Military/Aerospace Equipment
- Applications: CON: Cell Phones...; COE: Servers/Storage...; NTE: Routers...; IND: Factory Automation...
- Output Power:
 - AC-DC Switchers: 0-150W; 150-300W; 300-500W; 500-750W & 750W+
 - DC-DC Converters: 0-50W; 50-100W; 100-150W; 150-250W & 250W+
- Output Voltage: 1.2VDC; 2.5VDC; 3.3VDC; 5VDC; 12VDC; 24VDC; 48VDC...
- Input Voltage:
 - AC-DC: Universal Input
 - DC-DC: 48VDC; 24VDC; 12VDC; 5VDC
- Output Current: DC-DC: 5A; 10A; 25A; 50A; 100A; 100A+
- Product Design: DC-DC: Isolated; Non-isolated (POLs)
- Packaging: DC-DC: FB; HB; QB; EB; SB; 1x1; 1x2
- Emerging Trends in:
 - New Markets
 - Power Architecture
 - Product Models
 - Business Models

The Report is available in two versions:

Detail Version (\$3,990): Provides a detail market and application information on each market, for each product category for each geographic region. It is meant for multinational companies who participate in world's major geographic markets.

Standard Version (\$2,490): provides detail information about global markets and overviews of Americas, EMEA & APAC regions. The Standard Version is sufficient for companies who need detailed global information with an overview of specific regions.

For more information, contact MTC@

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Table of Contents

1.0 Executive Summary

- Overview
- AC-DC Switchers: Merchant & Captive
- DC-DC Converters: Merchant & Captive
- Merchant Power Supply Business
- The Power Supply Industry: Basics & Background
- A Global Industry
- Markets & Products
- The Power Supply Industry: Review of 2022
- Industry Trends
- AC-DC Switchers
- DC-DC Converters
- Distributed Power Architecture (DPA)
- Market Segments
- Competitive Market Position
- Analysis of Worldwide Markets
 - AMERICAS
 - EMEA
 - APAC
 - ROW
- Strategies
- The Power Supply Business in 2022
- Power Supply Business Models

2.0 Global Power Supply Industry

- Overview
- Global Power Supply Industry
- Summary of Business Activity

3.0 Global OEM Power Supply Industry Analysis

- Overview
- **Global AC-DC Switcher Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)
- **Global DC-DC Converter Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)

4.0 AMERICAS OEM Power Supply Industry Analysis

- Overview
- **AMERICAS: AC-DC Switcher Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)

- **AMERICAS: DC-DC Converter Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)

5.0 EMEA OEM Power Supply Industry Analysis

- Overview
- **EMEA: AC-DC Switcher Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)
- **EMEA: DC-DC Converter Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)

6.0 APAC OEM Power Supply Industry Analysis

- Overview
- **APAC: AC-DC Switcher Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)
- **APAC: DC-DC Converter Market Analysis**
- LED Lighting (LED)
- Consumer/Retail Equipment (CON)
- Computer/Office Equipment (COE)
- Networking/Telecom Equipment (NTE)
- Industrial/Instrumentation Equipment (IND)
- Medical Equipment (MED)
- Transportation (TRN: Road, Rail, Marine & Air)
- Military/Aerospace Equipment (MIL)

7.0 ROW OEM Power Supply Industry Analysis

- Overview
- **ROW: AC-DC Switcher Market Analysis**
- **ROW: DC-DC Converter Market Analysis**

8.0 Product Analysis

- Overview
- **AC-DC Switcher Trends**
- **DC-DC Converter Trends**

GLOBAL SWITCHING POWER SUPPLY INDUSTRY 2023 REPORT

9.0 Competitive Analysis

Overview

- AcBel Polytech Inc. (AcBel)
- Advanced Energy/Artesyn Embedded Power
- Bel Power Products (Bel Power)
- Chicony Power (Chicony)
- CINCON Electronics (CINCON)
- Cosel, Inc. (Cosel)
- Crane Aerospace & Electronics
 - ELDEC
 - Interpoint
 - ST Keltec
- Delta Electronics, Inc. (Delta)
- Enedo Oyj. (Enedo)
- ERP Power LLC. (ERP)
- Flex Power
- FRIWO AG
- FSP Group
- Lite-On Technology Corporation (Lite-On)
- MEAN WELL Enterprises Co. (MEAN WELL)
- MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO. LTD. (MORNSUN)
- Murata Power Solutions (Murata)
- NetPower Technologies, Inc. (NetPower)
- Phihong Technology Co. (Phihong)
- Shenzhen Megmeet Electrical Co. (Megmeet)
- TDK-Lambda
- TT Electronics
- Vicor Corp.
- XP Power Plc.

10. 0 Appendix

- Methodology & Organization

11. 0 Micro-Tech Consultants (MTC)

Micro-Tech Consultants (MTC) was founded in 1984 by Mohan Mankikar: MBA; MSCS; MEEE; BEEE

Its focus has been market research, analysis and consulting in the power supply industry. It produces an annual switching power supply industry report that includes AC-DC switchers and DC-DC converters. It provides consulting services to various clients that include merchant and captive power supply companies, power component manufacturers, electronic equipment manufacturers (OEMs) and financial institutions interested in investing in the power supply industry. In last twenty four years, Micro-Tech Consultants (MTC) has been the most recognized and widely quoted power supply market research company in the world. Its name and data have been used by many public companies and leading electronic trade publications.

MTC is an active member of PSMA.

Mr. Mankikar has over 40 years of experience in the power supply industry. He is the President of Micro-Tech Consultants (MTC), which provides market research and consulting services in the power supply industry. He was previously employed by Lambda Electronics, one of the largest standard power supply manufacturer and Gnostic Concepts, a leading technical market research/consulting organization of its time. Mr. Mankikar has given presentations and seminars at various organizations on the power supply industry. He wrote "**Power Technologies**" column for Electronic Engineering Times for twelve years. He published a widely-read "**Power Electronics Industry Newsletter**" for twenty four years.

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PURCHASE ORDER**

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Total	

Any additional/custom charges, duties or taxes required for transportation or over-seas shipping will be charged, if they occur

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