



# MICRO-TECH CONSULTANTS

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## GLOBAL SWITCHING POWER SUPPLY INDUSTRY 2022 REPORT

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

2021 was one of the best years for the power supply industry:

- The merchant market grew by 14.3%
- The operating margin (for the public company sample) reached 15.1%

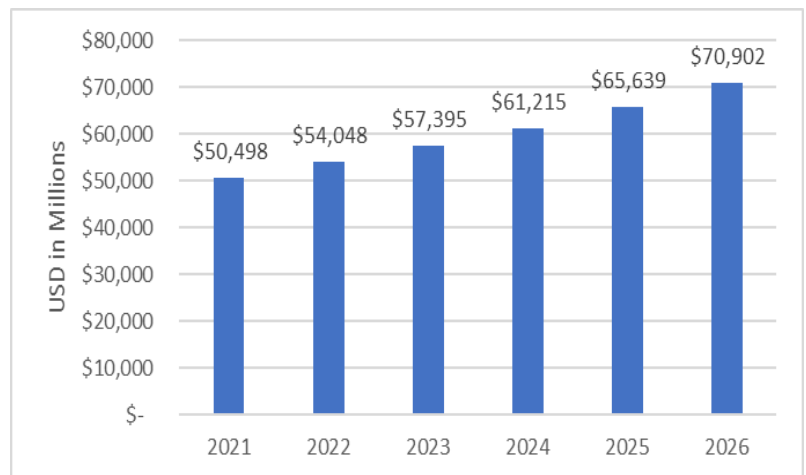
In the face of global COVID-19 pandemic uncertainty, the power supply industry managed to have one of its best performances. However, 2022 may not be as rosy as 2021, due to stubborn inflation and governments role in combating it by creating artificial recession.

The new Global Switching Power Supply Industry 2022 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.

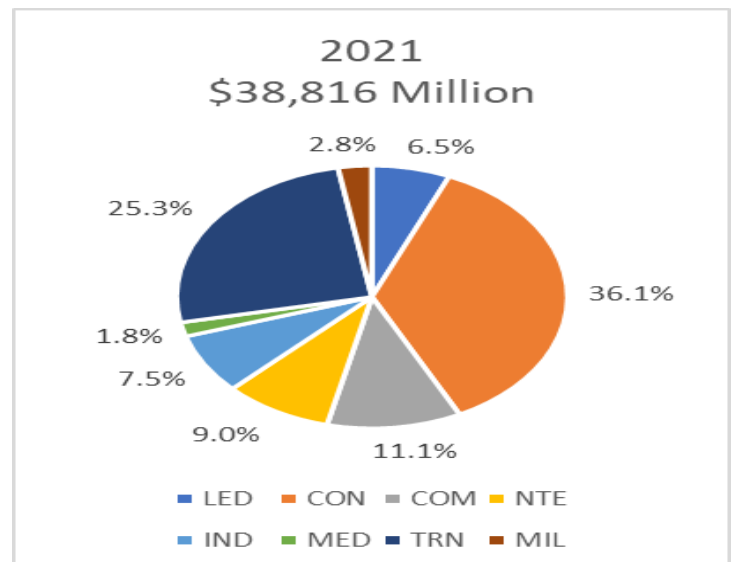
The comprehensive report provides detailed information about products/marketing/business perspectives that includes:

- Total market: 2021: \$50,498 million
- Merchant market: 2021: \$38,816 million
- Short and long term trends in products and markets
- Emerging trends
- Competitive analysis

### Global Consumption of Switching Power Supplies Merchant + Captive



### Global Consumption of Merchant Switching Power Supplies Market Segments



# GLOBAL SWITCHING POWER SUPPLY INDUSTRY 2022 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 (including AC Chargers & DC Fast Chargers for EVs)
- 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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# GLOBAL SWITCHING POWER SUPPLY INDUSTRY 2022 REPORT

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# GLOBAL SWITCHING POWER SUPPLY INDUSTRY 2022 REPORT

## 9.0 Competitive Analysis

### Overview

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- Astrodyne TDI Corp. (AstrodyneTDI)
- 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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