

**The IP&E
Specialist**

Power Supplies Line Card

TTI, Inc., – A Berkshire Hathaway Company



The IP&E Specialist

The Specialist in Electronics Component Distribution

Founded in 1971, TTI has steadily grown to become a world leading specialist distributor of electronic components. The company was founded on the premise that passive component purchasing could be made more efficient by offering product specialization, customer-driven service and proprietary supply chain solutions.

Why TTI?

- **Technical Experts** TTI's European team of field-based Sales Engineers and local Product and Technical Specialists are here to support you; from understanding component trends, sustainable sourceability and new product roadmaps, to in depth technical support for your design from our technical engineering experts.

- **Value Added Services** Connector assembly is one of the most important value-added services at TTI, Inc. – Europe. We are specialized in distributing manufacturer controlled and certified connectors and interconnect solutions from globally leading suppliers. Thanks to a large inventory level of connector components, TTI, Inc. – Europe can serve any market requirements.

- **Global Distribution Centers** Our European headquarters is located just outside of Munich, Germany in Maisach-Gernlinden. In total, we have 45.000m² of dedicated warehouse space and local sales and technical support in over 40 locations across Europe. TTI has more than 195.000m² of automated warehousing in North America, Europe and Asia. All are linked into a global warehouse management system that provides superior customer service and overall business efficiencies. Wherever you are in the world, TTI can support you. Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry – contact us today to find out what a true specialist has to offer.

- **Quality and Reliability** TTI's global warehouses are all ISO-registered and have received certification to the ISO 9001 and ISO 14001 Standards. TTI Europe is also certified to EN9120/EN9100, IECQ-CECC and ISO/IEC 27001 Standards. Additionally, our European sales branches are ISO 9001 certified. TTI has one global documentation system that ensures that every TTI branch and warehouse in the world follows the same processes.





80+
Suppliers



45.000 m²
Warehousing Space



One of the largest Autostore systems in Europe



40
Sales Locations

24/7
Available to Order Online



www.ttieurope.com



**The IP&E
Specialist**

Finding the Right Power Supplies for your Design

From front end, low, mid, high power AC/DC converters to DC/DC standardised bricks, converters, POLs, Plug-In external power supplies, adaptors, Industrial DIN-Rail and Intelligent Configurable power supplies; TTI has a world-class range of power supplies to offer.

TTI's specialised power engineers welcome the opportunity to work with you to help develop power solutions that meet your individual needs. With experience in fast charging at high voltage and currents for EVs and Energy Storage devices, knowledge of medical and rail specifications and qualifications, and engagement in industrial harsh environments, our team of qualified Power Engineers can recommend the best options for your application.

Line Card

3M

Advanced Energy

Artesyn

Excelsys

SL Power

Ultravolt

APEM

IDEC

Flex Power Modules

Laird Technologies

Mean Well

Murata

Ohmite

OmniOn Power

Omron Industrial Automation

Panasonic Industry

Phoenix Contact

Schurter

TDK

TE Connectivity

Corcom

Schaffner

Vishay

Yageo

Kemet

Pulse

Bothhand



Power Supplies Line Card

Hydrogen and Fuel Cells

Green hydrogen emerges through the electrolysis of water, a groundbreaking procedure that divides water into hydrogen and oxygen through electricity. The efficiency of electrolyzers, critical devices in this revolutionary process, heavily depends on reliable power supply solutions.

TTI offers dependable AC/DC power supply solutions, playing a pivotal role in guaranteeing the continuous, uninterrupted functioning of these electrolyzers and, consequently, contributing significantly to the production of green hydrogen.



Charging Power Solutions

Electric Vehicle charging whether DC Fast Charging, Wall boxes or private charging equipment, to Energy storage devices poses many challenges for power supply design; with the need to control voltage and temperature fluctuations, a compact size/form, outdoor environmental conditions and safety approvals and regulations to the different charging standards.

TTI has an array of AC/DC power modules, special bi-directional power supplies to increase the energy utilization rate and DIN Rail solutions for wall boxes.



Medical Applications

Specifying power supplies for medical applications can be challenging due to strict regulations and compliance. It can be difficult adhering to the new EN60601-1 revisions 3.1, with MOPP and MOOP requirement levels to provide isolation protection to the patient and/or operator for your end product.

TTI's Power team can support you in finding the best options – if you need a quieter power supply for a hospital ward, dentist room, or research lab, the new conduction cooled power supplies could be a smart solution. Alternatively, if you need a higher power solution, a flexible output configuration would be an option. For every challenge, TTI can guide you through our range of configurable power supplies.





Industrial Applications

TTI has extensive experience in the industrial market place, from factory automation, industrial IoT, Test and Measurement to Intelligent Building with new wireless LED driver requirements.

Taking into account electrical specification, number of outputs, EMC requirements and your environmental conditions (EN/UL60950 standard); TTI has a wide range of AC/DC and DC/DC power supplies with a broad span of voltages and power, from a few watts to many kilowatts.

TTI offers reliable power supply solutions with high efficiency and built in redundancy, such as DIN Rail solutions for quick installation, modular design for fast configuration and precision high power control for programmable applications.



Outdoor Applications

With increased public information signage, public vending / ticketing machines, outdoor smart lighting, vertical urban farming and the emergence of SMART farming; more and more power supplies are subject to harsh environments. Sealed power supply units can cope with some demanding outdoor applications where temperature, humidity, gases, shock, vibration and vandal proof can all be determining factors in the choice of your power supply. Our TTI Power team can provide you with highly reliable and efficient products for your harsh environment need

Power Supplies Line Card

Power Supplies	Advanced Energy (Artesyn, Excelsys, SL Power, Ultravolt)	APEM / IDEC	Calex	Flex Power Modules	MEAN WELL	Murata	OmniOn Power	Omron Industrial Automation	Phoenix Contact	TDK	Vishay	Yageo PULSE
Internal/Embedded AC/DC												
Low to Mid Power (1W – 500W)	■	■	■	■	■	■	■					
High Power (500W – 4kW)	■	■	■	■	■	■	■					
Very High Power (>4kW)	■	■	■	■	■	■	■		■			
Single Output	■	■	■	■	■	■	■					
Multi-Output (Dual, Triple, Quad)	■	■	■	■	■	■	■					
PCB Mount	■	■	■	■	■	■	■					
Open Frame	■	■	■	■	■	■	■					
U-Channel/Enclosed	■	■	■	■	■	■	■	■				
Modular/Configurable	■	■	■	■	■	■	■					
ATX	■	■	■	■	■	■	■					
Front End, Bulk Power	■	■	■	■	■	■	■					
Medical Rated	■	■	■	■	■	■	■					
Conduction Cooled	■	■	■	■	■	■	■					
Industrial Temperature	■	■	■	■	■	■	■					
Extended Temperature	■	■	■	■	■	■	■					
Digital interface	■	■	■	■	■	■	■					
Power Over Ethernet (PoE)	■	■	■	■	■	■	■					
AC/DC Military	■	■	■	■	■	■	■					
External - AC/DC												
Wall Mount Adapters	■	■	■	■	■	■	■					
Wall Mount USB-PD	■	■	■	■	■	■	■					
Desktop	■	■	■	■	■	■	■					
Medical Rated	■	■	■	■	■	■	■					
DIN Rail	■	■	■	■	■	■	■	■	■			
DIN Rail Redundancy Modules	■	■	■	■	■	■	■	■	■			
DIN Rail Buffer Modules	■	■	■	■	■	■	■	■	■			
High Power (>1kW)	■	■	■	■	■	■	■					
LED Drivers	■	■	■	■	■	■	■					
KNX products	■	■	■	■	■	■	■					
Laboratory Power Supplies Programmable	■	■	■	■	■	■	■					
Specific Purpose												
Uninterruptible Power Supply (UPS)	■	■	■	■	■	■	■	■	■			
Battery Charging	■	■	■	■	■	■	■	■	■			
Bi-Directional	■	■	■	■	■	■	■	■	■			
Inverter (DC/AC)	■	■	■	■	■	■	■	■	■			
Inrush Current Limiters	■	■	■	■	■	■	■	■	■			
Security	■	■	■	■	■	■	■	■	■			
PFC Modules	■	■	■	■	■	■	■	■	■			
DC/DC												
Isolated DC/DC Converters												
Fractional Brick	■	■	■	■	■	■	■	■	■			
Digital Control	■	■	■	■	■	■	■	■	■			
Industrial Pin-Out	■	■	■	■	■	■	■	■	■			■
DIN Rail	■	■	■	■	■	■	■	■	■			
Intermediate Bus Converter	■	■	■	■	■	■	■	■	■			
Low Power Unregulated	■	■	■	■	■	■	■	■	■			■
Wide Input Range 4:1	■	■	■	■	■	■	■	■	■			
Surface Mount	■	■	■	■	■	■	■	■	■			■
DC/DC Military	■	■	■	■	■	■	■	■	■			
DC/DC Railway	■	■	■	■	■	■	■	■	■			
DC/DC Filters and Filter Modules	■	■	■	■	■	■	■	■	■			
Non Isolated POL Converters												
Digital Control	■	■	■	■	■	■	■	■	■			
Through Hole	■	■	■	■	■	■	■	■	■			■
Single In Line	■	■	■	■	■	■	■	■	■			
Surface Mount	■	■	■	■	■	■	■	■	■		■	■
Auxiliary DC Power Products												
ATCA PIM Modules	■	■	■	■	■	■	■	■	■			
RF / Power Amplifier	■	■	■	■	■	■	■	■	■			
High Voltage	■	■	■	■	■	■	■	■	■			
Embedded DC/DC												
Open Frame/Enclosed	■	■	■	■	■	■	■	■	■			
Front End Bulk Power	■	■	■	■	■	■	■	■	■			
Bi-Directional DC/DC into Aux DC Power products	■	■	■	■	■	■	■	■	■			

Accessories	3M	Laird	MEANWELL	Ohmite	Omron	Panasonic Industry	Schurter	TDK	TE Connectivity (Corcom, Schaffner)	Yageo KEMET
Power Line EMI/RFI Filters										
Single-Phase Filters								■	■	■
3-Phase Filters								■	■	■
Thermal Management										
DC Fans										
AC Fans						■				
Heatsinks				■						
Thermal Materials	■	■								
Thermal Adhesive/Compounds	■	■								
Wire/Cable										
Power Cord			■				■		■	
Smart Connector							■			



The IP&E Specialist

ezBuy

Buy now,
Pay with agreed terms



Advanced Parts Search Functionally

Search by TTI Manufacturer part number or your contracted internal part numbers.

Contract or VIP Pricing

Quickly access your contract or VIP pricing.



No Credit Cards Needed

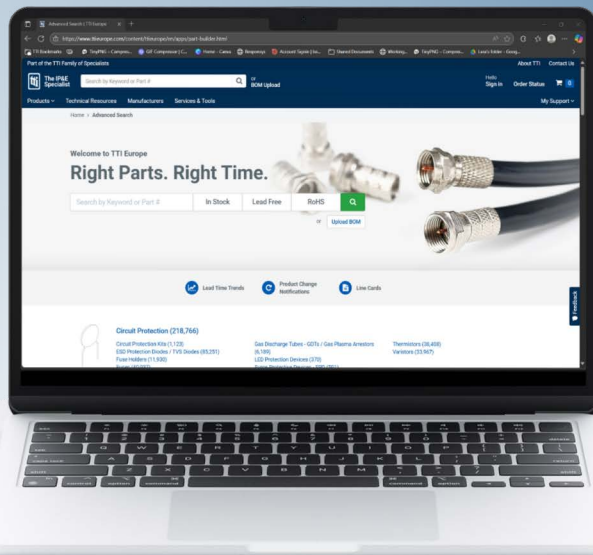
TTI pre-fills your billing and shipping information for faster checkout.



TTI Europe Webshop

The **deepest** and **broadest** IP&E inventory at just one click.

For all your IP&E requirements
In one place ... Available 24/7



Embark on a Journey through TTI's Literature



Explore our selection of Line Cards, Application and Product Guides in Transportation, Industrial, and Defense-Aerospace-Space.

EXPLORE NOW



Stay informed with our Newsletter!

Discover the forefront of electronic components, cutting-edge technologies, and revolutionary applications across industries such as transportation, industrial, defense and aerospace, and beyond.



SUBSCRIBE NOW



Stay Connected with Us on Social Media!



www.ttieurope.com



**The IP&E
Specialist**



**The IP&E
Specialist**



Contact TTI today to see
what a true specialist can offer.

Corporate Headquarters

TTI, Inc.
2441 Northeast Parkway, Fort Worth, Texas 76106 U.S.A.
T: +1 817 740 9000 | F: +1 817 740 9898
E: information@ttiinc.com

European Headquarters

TTI, Inc.
Ganghoferstr. 34, 82216 Maisach-Gernlinden Germany
T: +49 (0) 81 42 66 80 0 | F: +49 (0) 81 42 66 80 490
E: sales@de.ttiinc.com

European Sales Offices

Austria

Vienna
T: +43 (0) 18 79 85 90
E: sales.vienna@at.ttiinc.com

Belgium

Gent
T: +32 9 274 0670
E: sales.belux@nl.ttiinc.com

Bulgaria

Varna
T: +359 52 51 10 59
E: sales.varna@bg.ttiinc.com

Czech/Slovak Republic

Brno
T: +420 541 126 714
E: sales.brno@cz.ttiinc.com

Denmark

Brondbj
T: +45 (0) 43 29 35 35
E: sales.copenhagen@dk.ttiinc.com
Risskov
T: +45 (0) 38 41 31 00
E: sales.copenhagen@dk.ttiinc.com

Estonia

Tallinn
T: +372 664 81 00
E: sales.estonia@ee.ttiinc.com

Finland & Baltic Region

Espoo
T: +358 98 94 65 200
E: sales.finland@fi.ttiinc.com

France

Brive
T: +33 (0) 5 55 92 92 93
E: sales.france@fr.ttiinc.com
Bron
T: +33 (0) 472 81 2030
E: sales.lyon@fr.ttiinc.com
Bruz
T: +33 (0) 2 99 77 60 84
E: sales.rennes@fr.ttiinc.com
La Ciotat
T: +33 (0) 442 84 4142
E: sales.marseille@fr.ttiinc.com
Montigny Le Bretonneux
T: +33 (0) 130 13 7380
E: sales.paris@fr.ttiinc.com

Germany

Berlin
T: +49 (0) 30 8877 40 200
E: sales.berlin@de.ttiinc.com
Dortmund
T: +49 (0) 2301 91 304 0
E: sales.dortmund@de.ttiinc.com
Frankfurt
T: +49 (0) 6102 5999 100
E: sales.frankfurt@de.ttiinc.com
Hanover
T: +49 (0) 5 11 7 80 59 0
E: sales.hannover@de.ttiinc.com
Munich
T: +49 (0) 81 42 66 80 110
E: sales.munich@de.ttiinc.com
Pforzheim
T: +49 (0) 7231 14788 0
E: sales.stuttgart@de.ttiinc.com

Hungary

Budapest
T: +36 1 40 22 111
E: sales.budapest@hu.ttiinc.com

Ireland

T: +44 (0)1494 460000
E: sales.ireland@ie.ttiinc.com

Israel/Ray-Q Ltd.

Airport City
T: +972 3 975 3333
E: sales@ray-q.com

Italy

Civitanova Marche
T: +39 0733 81 8655
E: sales.milan@it.ttiinc.com
Florence
T: +39 (0) 55 094 63 76
E: sales.milan@it.ttiinc.com
Milan
T: +39 02 822 521
E: sales.milan@it.ttiinc.com
Naples
T: +39 081 4245719
E: sales.milan@it.ttiinc.com
Padova
T: +39 049 7802311
E: sales.milan@it.ttiinc.com
Rome
T: +39 0774 57 1302
E: sales.rome@it.ttiinc.com

Netherlands

Eindhoven
T: +31 (0) 40 290 1616
E: sales.belux@nl.ttiinc.com

Norway

Drammen
T: +47 (0) 92 66 87 66
E: sales.norway@no.ttiinc.com

Poland

Krakow
T: +48 605 475 479
E: sales.poland@pl.ttiinc.com
Kwidzyn
T: +48 55 279 67 57
E: sales.poland@pl.ttiinc.com

Portugal

Vila Nova de Famalicao
T: +351 252 493084
E: sales.barcelona@es.ttiinc.com

Romania

Cluj Napoca
T: +40 (0) 733 339 002
E: sales.romania@ro.ttiinc.com

South Africa

Pretoria
T: +27 86 111 2844
E: sales.southafrica@za.ttiinc.com

Spain

Barcelona
T: +34 (0) 93 645 25 75
E: sales.barcelona@es.ttiinc.com
Madrid
T: +34 (0) 91 416 11 90
E: sales.madrid@es.ttiinc.com
Vizcaya
T: +34 (0) 94 623 25 80
E: sales.bilbao@es.ttiinc.com

Sweden

Gothenburg
T: +46 (0) 31 741 12 90
E: sales.gothenburg@se.ttiinc.com
Stockholm
T: +46 (0) 8 594 11 800
E: sales.stockholm@se.ttiinc.com

Switzerland

Baar
T: +41 (0) 41 76741 90
E: sales.swiss@ch.ttiinc.com

Algeria, Egypt & Tunisia

T: +216 (0) 71 862 693
E: sales.tunis@fr.ttiinc.com

Morocco

T: +33(0) 555 92 92 93
E: sales.morocco@de.ttiinc.com

Turkey

Istanbul
T: +90 (0) 216 688 91 75 76
E: sales.turkey@tr.ttiinc.com

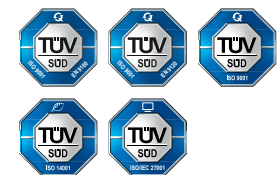
United Kingdom

High Wycombe
T: +44 (0)1494 460000
E: sales.london@uk.ttiinc.com
Manchester
T: +44 (0)161 872 2019
E: sales.london@uk.ttiinc.com

Resellers or Distributors

TTI Connect - Europe
T: +49 8142 6680 168
E: service@tticonnect.com

TTI, Inc. Headquarters Europe



www.tuev-sued.de/ms-zert



IECQ-P BSI 14.0013 (Germany)
IECQ-P BSI 14.0013-02 (Basildon)
www.iecq.org