



**Farnell**<sup>®</sup>  
AN AVNET COMPANY

**TRACO POWER**

# A New Decade of Co-Operation

Your First Choice  
for Power Supplies &  
Converters

Latest Products.  
Competitive Prices.  
Fast Delivery.

Presented by [oemsecrets.com](http://oemsecrets.com)



# Introduction

Farnell is a high-service distributor of technology products, services and solutions for electronic system design, maintenance and repair that operates globally across EMEA, North America & Asia Pacific.

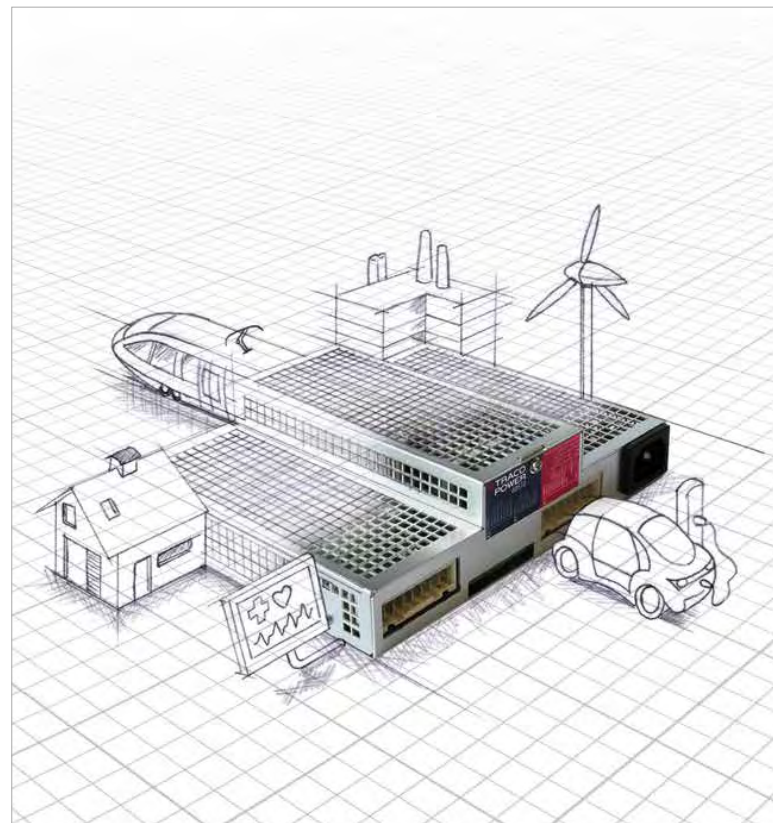
Traco Power is a leading power supply specialist with more than 35 years of experience in designing and manufacturing high quality DC/DC and AC/DC power conversion products. Farnell currently supply over 5000 Traco Power products covering a wide range of markets.

Both Electronics Design Engineers (EDEs) and Industrial Design Engineers (IDEs) will benefit greatly from the Farnell-Traco Power partnership, as well as the strong functional benefits of each product, which means that all their needs will be met from any of the four series.

Building on a long and successful partnership, Farnell continues to distribute Traco Power's range of optimal power supply solutions, with the most popular ranges being DC/DC Converters, AC/DC Power Supplies and DIN Rail products. These items offer the highest standard of performance and quality for appropriate pricing while serving many top-level markets and individual applications. Amongst these are Industrial & IT, Transportation & Railway, Medical & Healthcare, Automation & Control and Renewable Energy & Smart Grid.

This whitepaper will focus on Farnell's plans of expanding the range of Traco Power products distributed, which includes new investment opportunities and increased stock availability. Four series will be focused on, covering significant application areas such as industrial, power management, railway, and battery-operated equipment.

The article will also focus on the crucial role of the distributor and supplier relationships, along with investment, in ensuring that these products are always available to meet customer demands regardless of the challenges that the supply chain will face.



## Stock & Inventory

As Farnell and Traco Power strive to provide their customers with an even greater range of products, customers will benefit with the assurance that these products are of the highest industry performance, safety standards and bringing a world class delivery service and customer satisfaction.

Traco Power's product range is the very best when it comes to offering top standards of reliability and quality and Farnell continuously ensures a large depth of stock for Traco Power products. On top of all that, the partnership between clients is not a complex one; it's straightforward, and support comes fast.



Farnell's contributions to the technical development of electronics and power supplies date back many years.

The strategy is to continue adapting and expanding product portfolios through competent, straightforward and highly responsive customer support while sustaining strong partnerships such as that between Farnell and Traco Power.

This approach has a long-term view guaranteeing the strongest possible availability of products. In fact, Traco Power's warehouse located in Baar is amongst Europe's largest warehouses for industrial power supplies.

The combination of an intensive portfolio and mass storage capabilities means that key distribution partners such as Farnell can obtain products quickly so they can reliably deliver to customers on time.

## Featured Product

# TSR-1 Series



The **TSR-1 Series** Step-down switching regulators boast a very high efficiency rating of 96%, as well as allowing full load operation to rise to an ambient temperature of 60°C without requiring heat-sink or forced cooling.

There are other core benefits to the TSR-1 in comparison to other linear regulators; these include a better output accuracy of 2%, a lower standby current of 2mA, and no need for external capacitors. They also feature excellent line and load regulation, a wide input operating range and a 3-year product warranty.

[View Full Product Range ▶](#)

The **TXLN Series** AC to DC Enclosed Power Supply, comprising of several metal enclosed AC/DC power supplies with 12 different power levels. Containing a low-profile metal case and a screw terminal block connection, they can be easily installed in any equipment while possessing universal inputs and compliance with both EMC and LVD standards.

Furthermore, they have an active power factor correction of 0.95, high efficiency level of 91%, and compliance with EN 61000-3-2.

[View Full Product Range ▶](#)

## Featured Product

# TXLN Series



## Featured Product

# TSP Series



The **TSP Series** DIN-rail mount AC/DC Power Supply provides high performance levels that ensure reliable operation under the most difficult factory floor conditions.

Additionally, there is high immunity against any electrical disturbances, and they contain a robust metal casing to handle power sensitive loads.

This includes a DC-OK signal as well as an external shut down function, while detachable screw terminal blocks ensure an easy connection. Other elements include redundancy modules for full current sharing, battery controller modules to configure the most reliable UPS systems and buffer modules to protect against short-time AC power losses.

[View Full Product Range ▶](#)

Finally, the **TEP 60UIR Series** - 60W DC/DC Converters have an ultra-wide input voltage range of 12:1. This allows the converters to serve as an all-in-one solution that handles different voltage ranges, thus preventing the need to install a large number of different converters.

There is a 25V capacitor, with another high efficiency rating of 91%, an operating temperature range that goes from -40°C to 75°C, and there is an I/O-isolation voltage of 3'000 VAC.

[View Full Product Range ▶](#)

## Featured Product

# TEP 60 Series

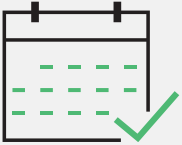






### Availability

Traco Power & Farnell can almost guarantee inventory availability as they both operate some of Europe's largest warehouses for industrial power supplies.



### Reliability

Traco Power guarantees the utmost integrity in the procurement of components, management of distribution warehouses, and the delivery of products on time with Farnell.



### Uncomplicated Partnership with Unrivalled Fast Support

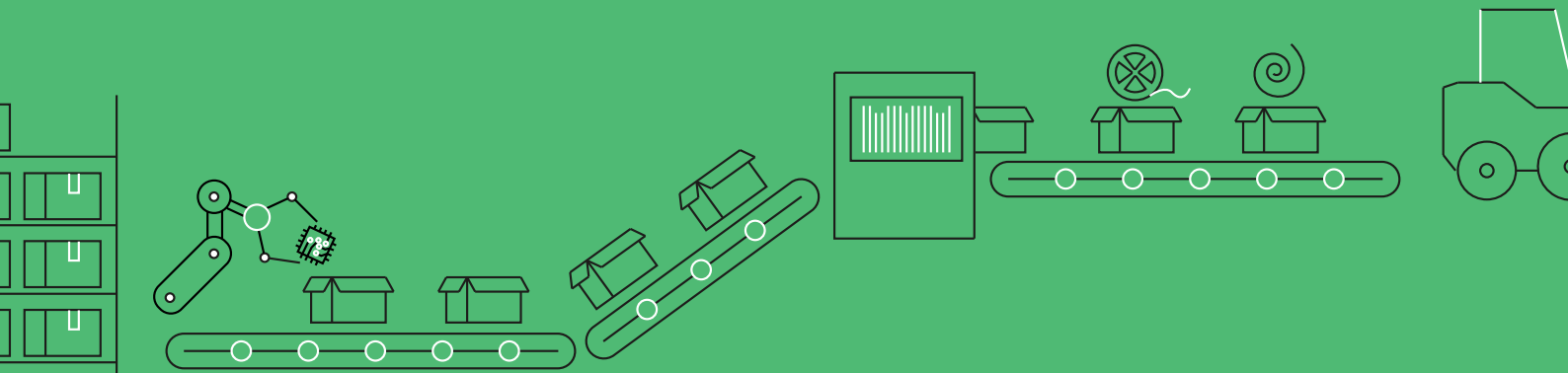
Traco Power and Farnell's continuous adaptation and expansion of their product portfolio and highly responsive customer support ensure a strong and sustainable partnership.

## Getting the Products You Need

At present, Farnell Electronics has its broadest product range to date contained within a state-of-the-art distribution warehouse bringing about a 40% increase in stock capacity including thousands of units of Traco Power products.

With stock levels projected to increase significantly in the months and years ahead due to the success of the distribution partnership,

Farnell has an ongoing investment in the expansion of both the size and depth of this range. This allows for additional product ranges, new brands and technologies to continuously become available to customers.



# Your Global Partner, Supporting You at Every Stage

Farnell is committed to steadying your ship at every point in journey so you can navigate today's electronics industry waters while preparing for your next big design challenge.

Given the ever changing environment, they understand the importance of working with a partner that you can trust. One who has the flexibility to adapt, support and suit your design requirements with a wide range of products and services.

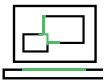
Farnell is committed to supporting local language, product and shipment needs. As part of Farnell's global operations, their access to stock and stronger relationships with suppliers, they are better able to serve your needs. [Go to Farnell.com](https://www.farnell.com) ▶



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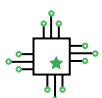
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## Choosing Traco Power Products with Farnell

Farnell's fast delivery of Traco Power products, often within 24-48 hours for as many as 5,000 products, as well as their first-class technical support for customers, ensures distribution is seamless for the popular TSR-1 Series, TSP Series, TXLN Series and TEP 60UIR series product ranges with greater accuracy and a reduction in errors from automation of stock delivery by incorporation of features like 2D barcode labelling to improve customer handling.

Farnell has made considerable stock investments in these key ranges of series from Traco Power to offer competitive pricing to meet customers' product needs.

It's a priority of Farnell to handle every step of the customer journey, thus allowing clients to fully prepare for future design challenges within the electronics industry.

The trust between Farnell and Traco is a perfect example of how such partnerships should operate when it comes to demonstrating flexibility for adaptation, support and tailoring of products to suit a customer's needs.

In the last year alone, Farnell has partnered with 21 leading electronic brands because of the trust and success they have had with brands like Traco Power. Furthermore, there will always be new technology available for cutting-edge applications, including requests that aren't in catalogues.

Other benefits of the partnership include a huge volume of online technical content; a faster quote turnaround to meet target prices; an instant service for online orders; a new and improved parts list manager service; and the expansion of the free efficiency-enhancing extension to a user's web account known as Farnell iBuy.

All these benefits and more act as evidence of how both Farnell and Traco are succeeding while working together, and this allows customers to succeed as a result.



## Future Directions & Long-Term Focus

The future direction of the partnership between Farnell Electronics and Traco Power centres on identifying market trends, the evolution of production, areas of innovation, increased purchaser needs, and potential challenges at an early stage. There will be a long-term focus on offering power supplies that are more compact but no less efficient while considering the impact of waste heat.

In addition, long-term refers not solely to the next few years but to the next few decades and beyond, as the sustainability of power solutions in line with the evolving technological world and increasing challenges of the climate crisis, all while delivering safe services, is vital.

Farnell's customers expect the organisation to move with the ever-changing priorities of the world, as well as being proactive when responding to further challenges that industries face.



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These form a crucial part of Farnell's long-term strategy, and clients will recognise how Farnell continues to evolve with the times while still delivering the very best in electrical, engineering and power-saving products.

As medical and industrial sectors continue to grow, so too does the necessity for buying Traco Power products online. The steady growth of supply chain resilience and the evolving demands of purchasers and engineers using aggregators such as oemsecrets.com to find inventory, means the user experience on farnell.com and tracopower.com is crucial.

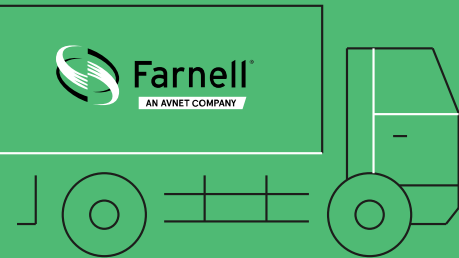
This is evident with Farnell listing prominently in the Traco Power Where-to-Buy tool on Traco Power's websites product pages, which directs customers to the country-specific Farnell website for a localised purchasing experience.

## Conclusion

The partnership between Farnell Electronics and Traco Power has been integral to numerous industries, benefitting suppliers, distributors, purchasers, and stakeholders globally.

It is now imperative for both companies to continue building this relationship to further strengthen the standing of each organisation within the current and future marketplace.

It's also essential for Farnell and Traco Power to maximise opportunities and minimise challenges, remaining proactive by continuing to broaden their portfolio and considering the landscape of the industry for the months, years, and decades to come.



## Selection Guides



**Household/  
Building Tech**



**Railway Power  
Solutions**



**Industrial  
Power Solutions**



**Medical Power  
Solutions**

