

Avanti Power Repairs

Power Supply Repairs

“With the Power to help you”

- ★ Repair & Maintenance
- ★ Linear
- ★ AC/DC Switch-mode
- ★ DC/DC Converters
- ★ Battery Chargers



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INTRODUCTION



Avanti Power Repairs Ltd was established in 1996 to provide a high quality cost effective repair centre for Power Supplies. Repairing instead of replacing is a viable way to cut costs. We offer a first class repair service based on a no fix no fee basis covering a vast range power supplies for every virtual need.

We work to the highest quality standards (ISO9001) in providing advice and services based solely on your requirements. We pride ourselves on being flexible in dealing with your needs and will provide you a service that is second to none.

With a highly regarded head engineer boasting over 33 years of experience in the field coupled with high tech and up to date testing equipment, for Load testing, PAT testing, Soak Testing down to surface mount repairs which means we can offer a full and comprehensive repairs and tests on every unit imaginable.

We also have close contact between our office and our service department enables us to provide you updates on the progress of repairs if required.

The makes and brands of units we have worked on are two numerous to mention but no jobs are to big or small as and all units are considered we can work on all units that range from 10watts up to 30kw.

- ✓ **ISO 9001 Approved**
- ✓ **Warranty on all repairs**
- ✓ **Quick turnaround**
- ✓ **Issued with a test certificate**

WHY IS IT BETTER TO REPAIR POWER SUPPLIES?

Reduced capital expenditure

Repairing an item is usually cheaper than replacing it. In some cases savings can be considerable, especially when the item needs to be re-manufactured. Repairing is something that should be seriously considered in the current economic environment.

Increased equipment life

Modern equipment has very short product life cycles, with manufacturers offering spares support for increasingly shorter periods. Repairing equipment to component level can, in many cases, extend equipment service life and offer an alternative to expensive replacement. Additionally, savings may also be made by not having to re-train staff on new equipment and update operating instructions.

Speedy resolution to your problem

Repairing equipment can be much more rapid than sourcing new. In many cases repairs can be carried out in hours rather than days.

Environmentally Friendly

The environmental cost of repairing equipment is usually a fraction of the cost of buying a newly manufactured replacement. Additionally, by having your equipment repaired, you are reducing the amount of equipment going into landfill. Under recently introduced WEEE legislation, businesses face increased costs, and possible fines, related to equipment disposal.



SUCCESSFUL REPAIR RATES

We are proud of the fact that we are able to repair more than 95% of the power supplies received. We warrant our workmanship and materials and less than 2% of successful completed power supply repairs are returned to us, for any reason including customer error.



Repair Yield greater than 95%

Less than 5% of power supplies received are unrepaired for any reason

A commitment to service we strive to provide our clients with the very best service. We have processes in place to keep you informed. Our aim is satisfied customers who received good value for quality repairs to their power supplies.

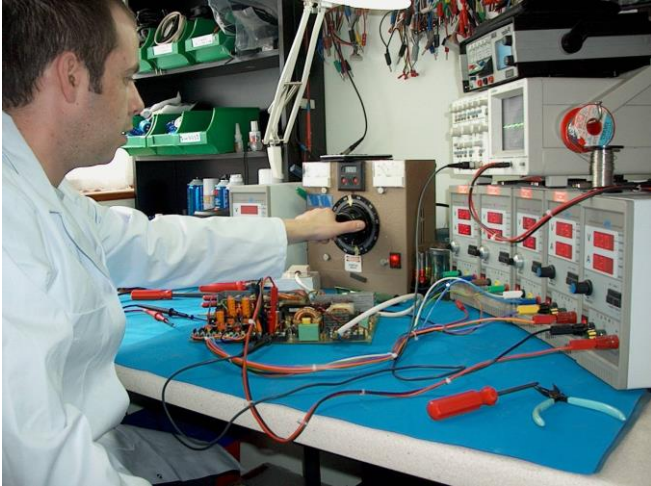
No symptom apparent is a common power supply fault. Many power supplies require replacement parts fitted as part of the repair. We hold over 120,000 parts in stock in stock allowing a fast turnaround.



Even if parts have become obsolete we also have a number of overseas contacts to help us locate hard to find parts this has been built up using extensive knowledge gained over many years.

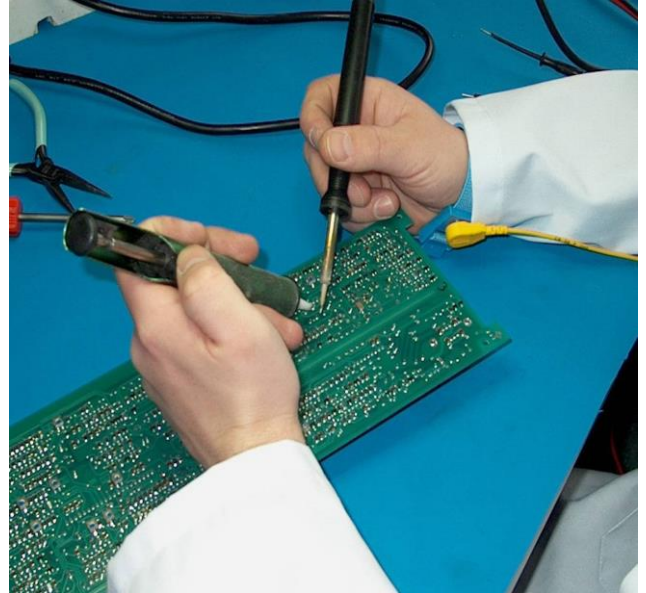


THE REPAIR CENTRE



Avanti has a team of highly skilled engineers and technicians situated in a modern workshop for dealing with all types of power supplies, this means, that your repairs couldn't be in safer hands.

The Repair Centre has a large Investment of test equipment that allows us to fault find any makes or models down to component level, in a simulated environment.



When a power supply is sent back for repair we don't just fix the original fault, we thoroughly put the power supply through a variety of tests.

Finding and resolving problems early can save thousands of pounds by resolving safety issues, cutting down on scrap and warranty costs.

PAT testing power supplies at regular intervals to ensure continual safety; the interval between tests depending on both the type of appliance and the environment it is used in.



After servicing, using specialist electronic loads within our service department, we are able to fully retest your power supply to the original safety standards as when first manufactured.



Testing includes :

- All outputs Load tested
- (including dynamic load testing where required)
- Input Line regulation
- PFC operation and boost HT voltage check
- Output ripple and noise (RMS and Pk-Pk to 30MHz)
- Overvoltage and over current protection checks
- Ancilliary alarm signals (such as mains power fail/DC ok etc)
- Control inputs including remote sense/inhibit functions
- Current share operation where applicable
- Fan operation where applicable
- Safety (HI-POT) insulation checks
- Soak test on load



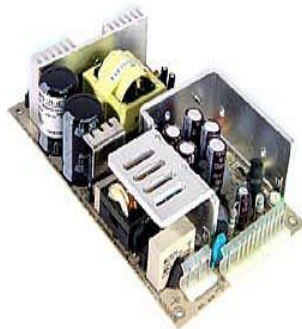
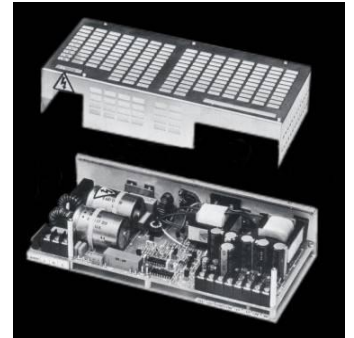
For more information

We can offer all products manufactured to ISO9001 QA, UL and BABT Approval.

Full custom product design to International Standards, CE marking and BABT.

THE PRODUCT RANGE

We are under no manufacturers contract so therefore in addition to the comprehensive range of standard products that you will find, we have specialised in supplying a wide range of products from a wide range of manufacturers.



QUALITY POLICY

Avanti Power Repairs Ltd has a commitment to operate a well defined Quality System. We like to provide our customers with the very highest levels of service and products.

The company works to the highest quality standards (ISO9001) in providing advice and services based solely on your requirements. We will be flexible in dealing with your needs and will always do our best to provide you with a Quality Service.

To make sure we continue to live up to our Quality Electronic Services we promise BSI QA and our major customers regularly audit our systems.

Avanti Power Repairs obliges to service and manufacture products so as to provide the highest cost effective solution by applying the latest advanced technologies.

The company is registered with BS EN ISO 9001.



Clients

Avanti Power Repairs works with a very wide range of customers from small companies to worldwide organisations from commercial repair organisation to international defense agencies looking for consolidated psu repair services. In all cases we work hard to establish good working relationships preferring to develop honest and open relationships aimed at meeting your objectives.



Military & NATO

3 Com	British Telecom	Cisco	Compaq
Farnell	British Gas	HP	IBM
Euro Tunnel	Timeplex	Panasonic	Sony
Ministry Of Defence	British Gas	NHS	Apple
Toshiba	Microsoft	Siemens	Samsung



Retail Equipment



Networking



BANK MACHINES



Medical Equipment

Departures						
FLIGHT	DESTINATION	SCHED	BOARD	GATE	STATUS	FLIGHT
QF 422	SYDNEY	1000	9:41	23	FINAL CALL	QF 992
QF 990	DARWIN	1000	1000	26		QF 768
QF 616	BRISBANE	1000	9:47	6	BOARDING	QF 430
QF 424	SYDNEY	1000			CANCELLED	QF 200
PASSENGERS REFER CHECK-IN DESK						
QF 426	SYDNEY	1100	1040	12		QF 993
QF 419	BRISBANE	1100	1100	1		QF 604
QF 412	MELBOURNE	1120	1105	27		QF 499
QF 687	ADELAIDE	1120	1105	2		QF 906
QF 408	SYD	1130	1115	9		QF 404
QF 371	LANCASTON	1130	1115	21		QF 395
QF 421	HOBART	1140	1125	4		QF 441

Signs

The makes and brands of units we have worked on are too numerous to mention but no jobs are too big or small as and all units are considered we can work on all units that range from 10watts up to 30kw.

MANUFACTURERS

Below is a brief list of some of the manufacturers.



ASTECC



European
Power Supply
Manufacturers Association



- AC/DC
- Advance Power
- Astec
- Autec
- Cherokee
- Cisco
- Compaq
- Computer Products
- Condor
- Danica
- Delta
- DTK
- Elpac
- Empower
- Enermax
- EOS
- Farnell
- Ferrus
- Friwo
- Gould
- Hitron
- Lambda
- LH Research
- Lite-On
- Mascot
- Onan
- Polyamp
- Power General
- Powerone
- Pro-V Switching
- Qualidyne Systems
- Sky Hawk
- Skynet
- Specialix
- SSI (Switching Systems International)
- Todd
- Ulveco
- Uniflex
- Unipower
- Vicor
- Wayne Kerr
- Weir



OBSOLETE PSU REPLACEMENTS

Obsolete Power Supplies

As part of our 'complete power supplies service' we endeavour to help customers find or design replacements for obsolete power products. Once you have designed a power supply into a product, or system, you can be left with very little room for manoeuvre when it comes to space, fixing points, cooling method and many other considerations. So finding something to replace the power supply that suddenly is obsolete can be a real problem. We provide specific electronics services which address any issue you may have.



Product Search

Using our specialist knowledge we will search the marketplace to see if we can locate any unsold or second user stock. Our suppliers have the widest range of obsolete power supplies of almost any in the world so we are guaranteed to find you a solution. To find obsolete power products or to replace them can be challenging but our sourcing methods guarantee that you will find a solution to your obsolete electronics product problem.

Finding & Modifying

The second service we offer is using our wide knowledge of the power supply products available all over the world to locate and if necessary modify a unit to meet your needs. We have successfully provided this service to a variety of customers and we believe that it can prove to be a very cost effective solution. Modifications can be as simple as designing a mechanical adapter plate to fix both the new power supply and the old fixing points or adding a cable loom to change from one type of connector to another. Let us take a look at your problem: the solution may be just as simple as these examples.

TECHNICAL SUPPORT

Avanti Power Repairs provides our client-partners with support for ongoing operations, with our full support and maintenance service meets the challenges of the most demanding requirements. Utilizing our in-house technical support, our aim is to work with our client-partners to ensure the success of their networks and their business objectives.

- ★ **Technical help desk**
- ★ **Disaster recovery**
- ★ **World-class support processes**
- ★ **Customized solutions**
- ★ **Single-source service provider**
- ★ **Reduces total cost-of-process ownership**
- ★ **Repair Solutions**



HOW TO SEND US WORK

We aim to make this as simple as possible!

Just send us your power supply.

We will come back to you with a written quotation.

If you wish to progress with your repair just call or email our team.

Of course, all our repairs and services are subject to our standard Terms & Conditions and we reserve the right to amend or withdraw any services without notice.



Where to find us.



FAQ ON POWER SUPPLY REPAIRS

Do Avanti Power Repairs Ltd repair any make of power supply ?

Yes, we are willing to repair any brand of power supply. It should be noted though that some types are unlikely to be economical to repair.

Do you charge to examine a PSU?

No. Evaluation is free, providing you have contacted us prior to sending it in. We do not cover return shipping costs for overseas customers, or for PSU's that are sent to us without prior contact.

Is there a charge if you accept a PSU for repair, but later find repair is not feasible?

No. If we cannot repair your PSU, due to unforeseen reasons, there will be no service charge. We can either return the product in an un-serviced condition or, alternatively, we can dispose of the product at your request.

What warranty do you give with the repair?

We offer a 3-month warranty on all repairs.

Do you repair for non-EU customers?

Yes We are happy to service units from any country. For customers outside of the EU there are shipping instructions that need to be followed to avoid duty being charged on repaired PSUs (and avoid customs duty being charged to us, which would have to be passed back to you).

What are your payment methods?

For existing customers, with a credit account, our terms are 30 days. For customers without an account, payment is required prior to the *repair unit being returned*.

The following payment methods are accepted: - Cheque, BACS

How long will a repair take?

This is dependent on the nature of the repair, and will generally be between 2 and 15 days.

If we don't accept your quote, how much is return shipment?

For UK customers, that have contacted us in advance, there is no charge. Unfortunately, we are unable to cover return shipping costs for overseas customers.

In the event that repair is not possible, can you supply a replacement PSU?

This depends on the individual supply. We are able to offer a large variety of both standard off the shelf and custom power solutions.

Avanti Power Repairs

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