



Advanced Conversion Technology, formed in 1981, specializes in designing and manufacturing high voltage and low voltage power supplies to meet today's most demanding environmental, complexity, performance, and miniaturization requirements. Over this time frame ACT has developed and produced over 1,000 designs. ACT, through its Techkor division, has also developed capabilities in supplying military sensors and signal conditioning products. Check out our websites for more details at www.actpower.com or www.techkor.com.

CAPABILITIES

Custom Designs

High Voltage Power Supplies

Potted, < 10 KV
Oil/Gas, > 10 KV

Low Voltage Power Supplies

DC / DC Converters (non-brick)
Single and/or Multiple Outputs
AC / DC Power Supplies
115 / 220 / 440 V Inputs
1 Phase and 3 Phase Input Power
Single and/or Multiple Outputs
Power Factor Corrected (PFC)
UPS and Battery Chargers

Bulk Power Supplies

High Power Output, >1KW

Inverters

Sine & Square Wave

Custom Signal Conditioning & Sensors

Accelerometers
Load & Torque Cells
Amplifiers & Filters
Strain Gauge Transducers
Wireless Data Collection
Analog or Digital Bus Outputs

Custom EMI Filters

Pulse Forming Networks

High Voltage Crow Bars

APPLICATIONS

Power Supplies

Displays: CRT, Flat Panel
Laser Designators
System Power Supply
Military Applications
Electro-static Precipitation
EMI Compliant Bulk Power Distribution
VME Rack Power

Signal Conditioning

Line Tension
Tilt Detection
Vibration Monitoring
Inertial Guidance
Weight Measurement
Reaction Torque

STANDARDS

Quality

ISO 9001
MIL-I-45208

Design

MIL-E-5400

Workmanship

J-STD-001C
MIL-STD 454
MIL-STD-2000

Other

MIL-STD-704
MIL-STD-1299
MIL-STD-1399
MIL-STD-461
MIL-STD-810

CUSTOMERS

AP Labs
Astronautics
BAE Systems
Ball Aerospace
Boeing
EDO Corp
EFW Inc.
Elbit
ELOP
ENOSA/Indra
Ericsson
Fairchild
Fibertek
General Dynamics
General Instruments
Honeywell
Kaiser
L3 Communications
Lexell Imaging
Litton Industries
Lockheed Martin
Northrup Grumman
Palomar Display
Rafael
Raytheon
Rockwell Collins
S.A.B.C.A.
Sechan Electronics
Smiths Industries
Trion
TRW
United Defense
U.S. Government
VSI

PROGRAMS

Air

F-18 NAV-FLIR, F-14, F-15, JAS-39,
B-52, F-5E, A-10, F-111, F-4, V-22,
J-STARS, F-22

Helicopter

HNVS, Black Hawk, Apache, LHX,
SH60J, Comanche

Ground Vehicle

HIRE, DTV, M1, Leopard, Warrior,
HUMVEE, M60, Paladin

Shipboard

NSSN, Busy-2, FFG, Trident, CG47,
DD963

Missile

AMRAAM, Patriot, ERINT, Phoenix,
Hawk, Sidewinder

Helmet

JHMCS, ANVIS HUD, VCATS,
DASH

Laser Designators

UAV, F-16, ATP, A-10, BIO/IR

COMPANY HIGHLIGHTS

- Located in Middletown, PA
- Custom Tailored 30,000 Sq. Ft.
- Vertically Integrated Manufacturing
- Extensive Production Capability
- Over 20 years of Experience
- High Quality
- Proven Innovative Engineering
- State-of-the-Art CAD/CAM Capability
- Computer Modeling Tools
- Versatile
- Quick Reaction
- Environmental Testing
- Highly Experienced Workforce
- Corporate Financial Stability