



ABP OVERVIEW 2021

Automated Business Power | Let's Talk Power & Communications

Who We Are





ABP Products, designed for the Warfighter:
Rugged, Reliable, Effective

Overview

Founded in 1987

85 Years of military Operational experience.

Over 100,000 ABP products are in service worldwide.

ABP is the industry leading designer/manufacturer of:

- Advanced field deployable **C4I** integrated communication systems
- Uninterruptible power supplies and systems
- Integrated Power / Voice / Data integrated systems
- Speakers and Speaker / Voice Audio systems
- AC to DC power supplies and DC to DC converters
- Ancillary equipment: Audio, Antennas, Shockmounts

Communications equipment engineered for

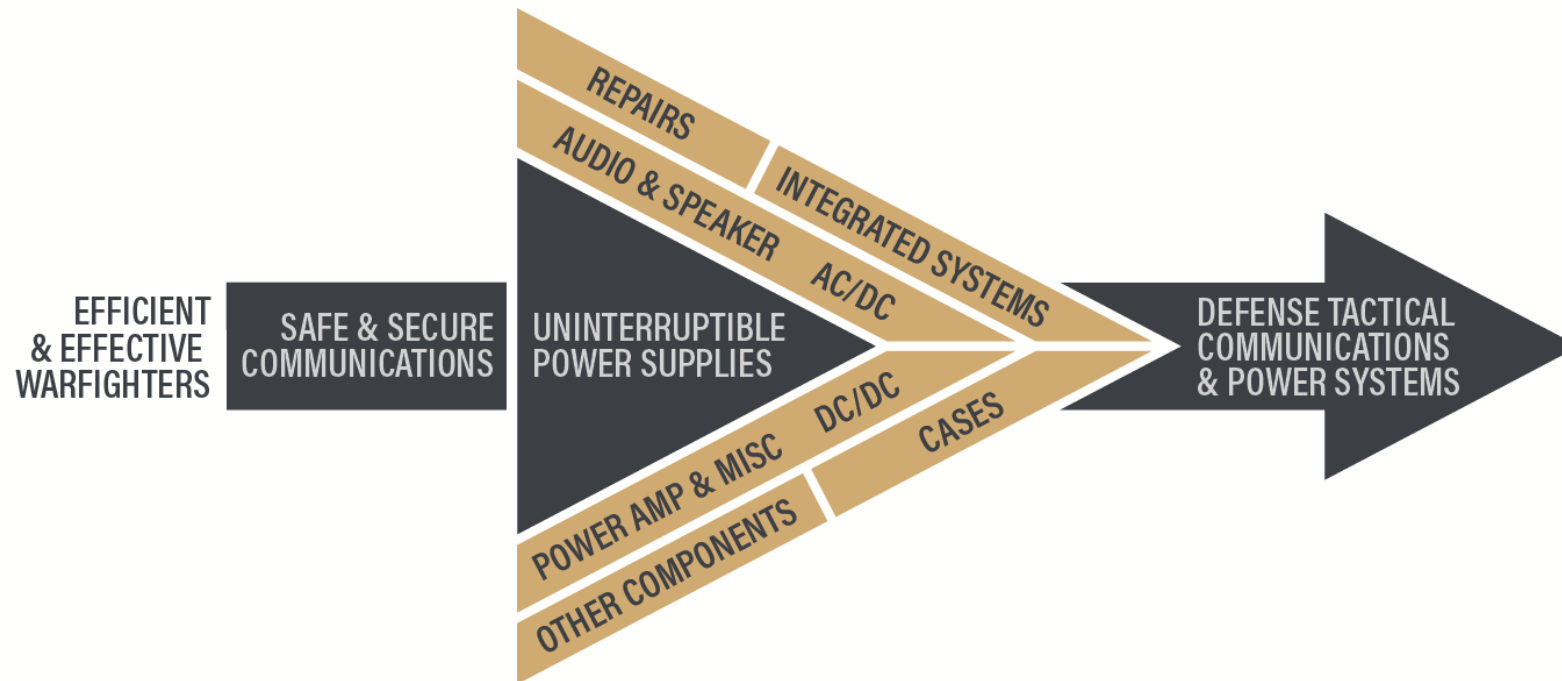
- Rugged field deployable situations, communicate in extreme conditions
- Support: Command Posts, TOCs, Vehicles, Aircraft and Shipboard
- ABP equipment operates from almost any:
 - **AC (85 to 270VAC, 47- 440Hz)** and **DC power source (9 to 36VDC)** world-wide, under extreme weather conditions
 - Operating temperature of -40°C to +70°C

Purpose



To make the Warfighter efficient and effective, empowering them to communicate in the most demanding environments, in the most reliable and secure way possible.

What We Do



COMMAND POST &
TACTICAL OP



FIXED WING &
ROTARY AIRCRAFT



MILITARY VEHICLE



SHIPBOARD

Powering The Warfighters Communications
In the harshest of conditions.

Our Customers

DOD

Defense Contractors

International & Government



GENERAL
DYNAMICS

HARRIS

LOCKHEED MARTIN

Raytheon

NORTHROP
GRUMMAN



NATO



UK MoD



Canadian MoD



Australian MoD



Israeli MoD

Platforms and Applications





Command Post & Tactical Operations

ABP provides power supplies and integrated systems to commanders and operators to help control operations through continuity, planning and synchronizing of warfighting functions, in the harshest of conditions.

- Uninterruptible AC/DC power supplies World-wide
- Integrated communications cases & systems
- Audio, Antennas, Amplifiers

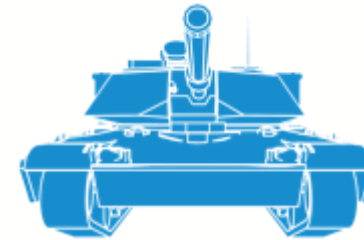




Fixed Wing & Rotary Aircraft

ABP, is a provider of power supplies and communications equipment to Fighters, Bombers, Transport, Patrol, Reconnaissance and Surveillance aircraft and Helicopters.

- Uninterruptible AC/DC power supplies World-wide
- Integrated communication cases & systems
- Audio, Antennas, Amplifiers



Military Vehicles

Powering communications for military land combat and transport vehicles of all types: Tanks, Trucks, Armored Transport and reconnaissance vehicles.

- Uninterruptible AC/DC power supplies World-wide
- Integrated communication cases & systems
- Audio, Antennas, Amplifiers, Shockmounts



Shipboard

Providing power supply's and communication systems to military vessels and shipboard environments, meeting the requirement of the various naval platforms and the naval industry as a whole.

- Uninterruptible AC/DC power supplies World-wide
- Integrated communication cases & systems
- Audio, Antennas, Amplifiers, Shockmounts



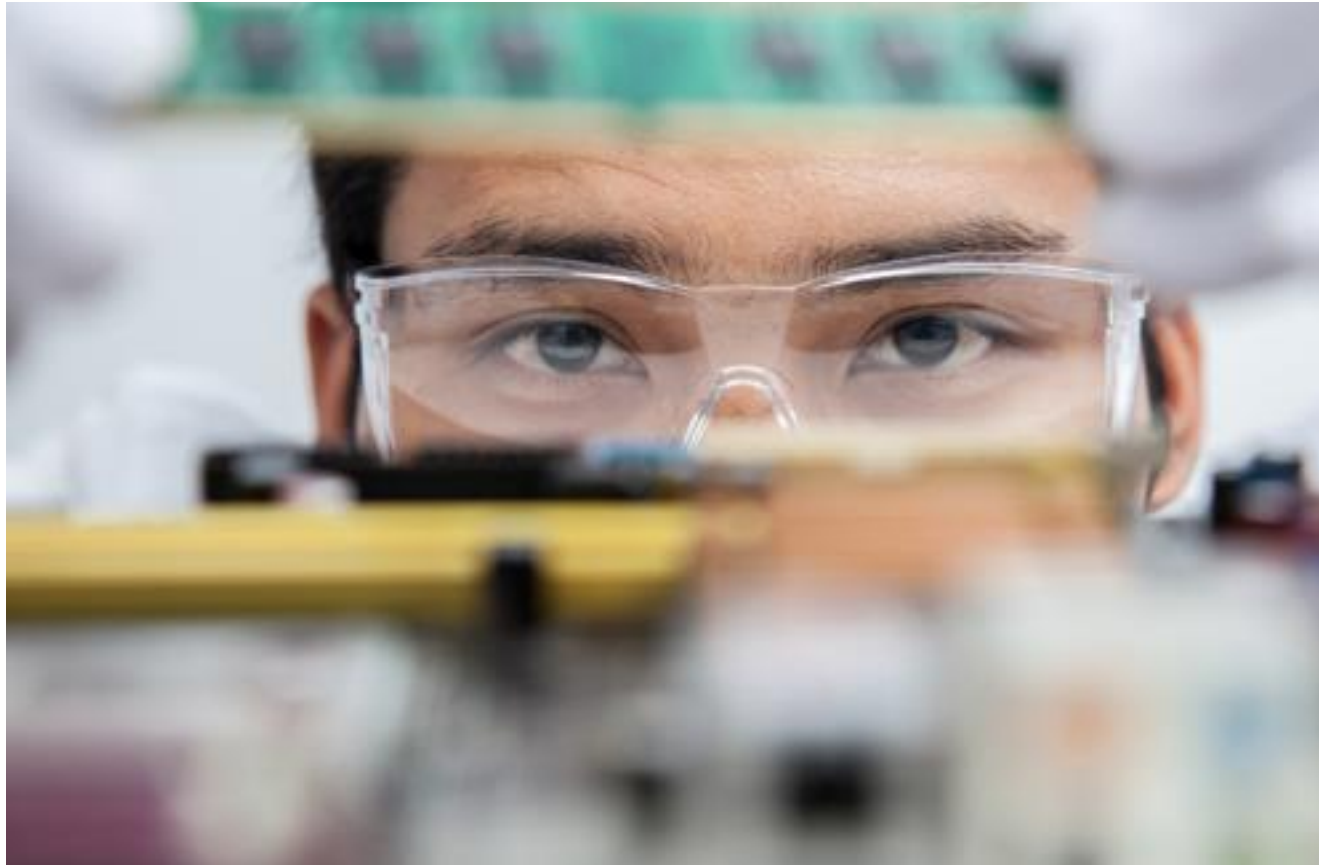
Our Capabilities





Capabilities

- ABP's field proven building block and modular open system designs
- Proprietary architecture of high-power conversion efficiency
- Tailored customization and reconfigured products to your specification
- Commercial-Off-The-Shelf (COTS) engineered for high grade military tolerances
- Customized and reconfigured products
- Configuration management system to maintain product integrity
- Capacity to manufacture thousands of ABP products every month
- Proven management tools, testing and production equipment
- ABP products available thru GSA contract and DLA
 - GSA Contract: 47QSWA20D008R



ABP uses the highest military and industrial grade components

Made in the USA

Integrated Systems & Cases



Integrated Systems & Cases



- Uninterruptible power supply
- Worldwide AC / DC input power
- Zero Wait Switching
- Portable and amplified Integrated SATCOM
- High efficiency amplified speakers
- Integrated C2 systems
- TOC/JOC C2 Systems
- HF systems
- Reversible data/accessory connectors
- Laptop AC output options
- FH multi-band 30-512MHz amplification
- Rapid deployment, Small and light weight options available

SATCOM on the move

Uninterruptible Power Supplies



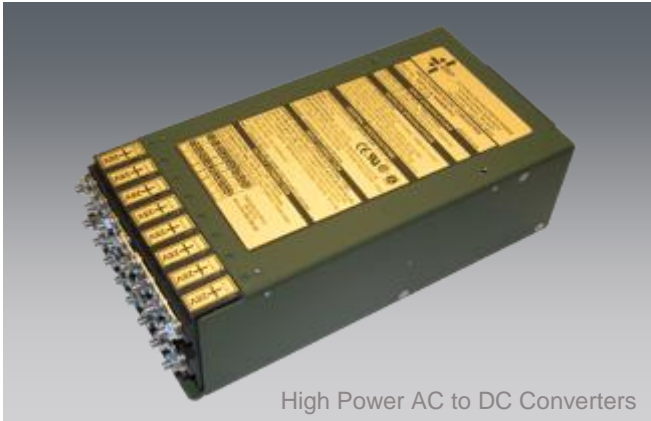
ABP Power Systems



ABP-TPS-1



Transceiver Battery Unit



High Power AC to DC Converters



Uninterruptible Power Supplies

- Worldwide input power from almost any AC or DC source
- Uninterruptible power supplies for tactical deployment
- Custom power design
- High power AC to DC converters
- DC to DC power converters
- Transceiver battery eliminators
- Auto sensing input power that requires no user intervention
- Auto Zero Wait Switching when connected to both AC and DC input sources
- ABP power systems will operate multiple radios (radio agnostic)
- Cost savings for tactical transceivers

Uninterruptible power supply, Worldwide

Ancillary Products



Audio Systems



ABP-6N-HEAS-1



ABP-HEAS-3



ABP-6N-HEAS-2

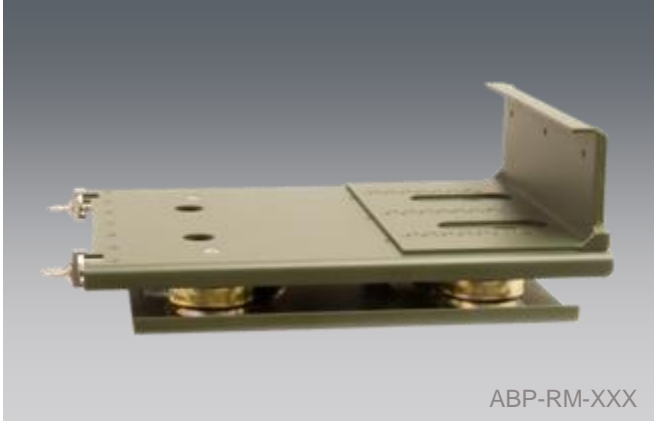


ABP-TAS-1

- Compatible with tactical DoD radios
- Speaker systems for C4I systems
- Headsets and handsets
- 5 Watts of clear, crisp audio
- ABP speakers have automatic level control, providing consistent audio levels
- Overcomes noisy environments
- High efficiency amplified speakers for tactical transceivers (CP, TOC, HMMWV)
- Dual handset high efficiency amplified speakers
- 6-Net high efficiency amplified speakers
- Transceiver audio splitters
- Monitor and receive audio up to 1000 ft.

Clear, crisp audio in the harshest of environments

Radio Shock & Vibration Mounts



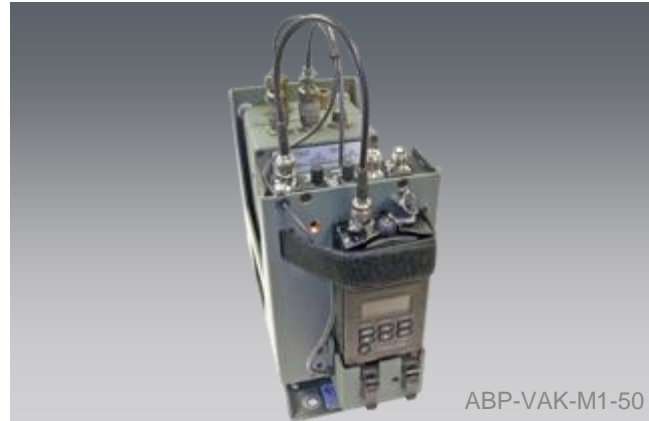
- Standard & hardened shock/vibration rack mounts
- Shock/Vibration rack mounts for tactical transceivers
- Engineered isolation shock and mount systems that meet strict military requirements
- Isolate vibration and shock to accommodate motion and decrease noise.
- Quite and smooth operation reducing equipment damage and extending life
- Simple, reliable and cost-effective solutions

Protect equipment and extend life

VEHICLE ADAPTER SYSTEMS



ABP-MRMB-1-50



ABP-VAK-M1-50



ABP-VAK-M2-50



ABP-MRMB-1G-50

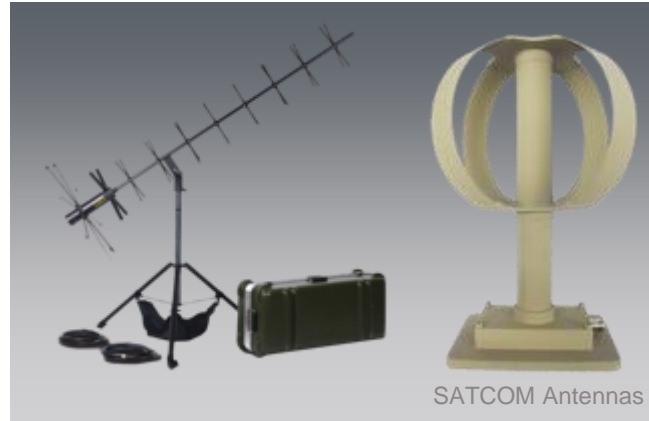
Amplified speakers included

- Direct replacement for VRC-87 thru VRC-92 SINCGARS mounts (up to two ABP-VAK-Mx-50 units on optional mount)
- DAMA, Have Quick & SINCGARS Frequency Hopping compatible
- Amplified Shock / Vibration rack mounts for tactical transceivers
- 50 Watts of RF amplification across the frequency range of 30-512 MHz with receive gain in SATCOM mode
- Includes High Efficiency Amplified Speaker™ with special Automatic Level Control (ALC)
- Auxiliary 24 VDC output for external equipment

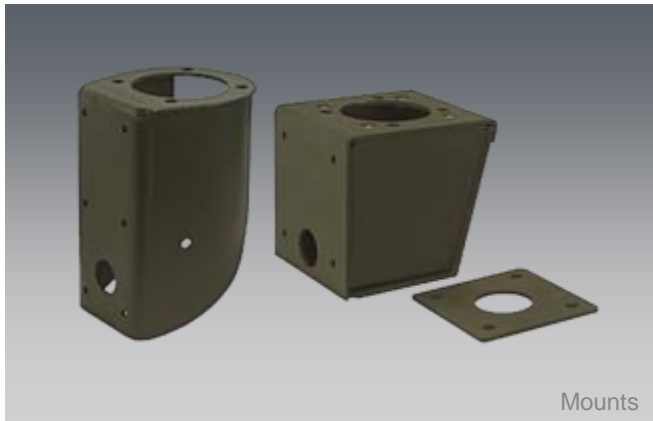
Antennas & Mounts



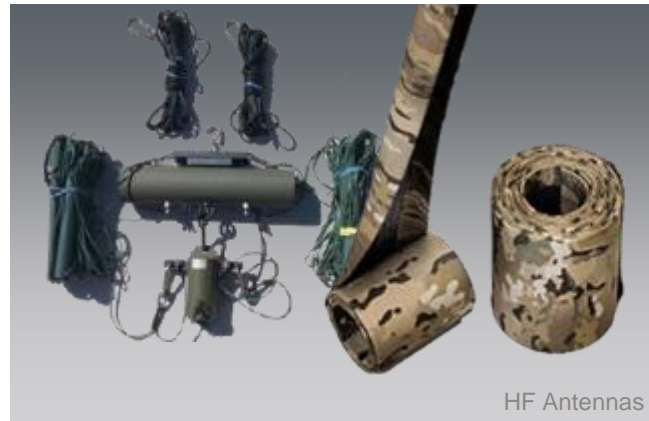
Broadband Antennas



SATCOM Antennas



Mounts



HF Antennas

- Foldable high gain SATCOM antennas up to 200 watts CW.
- Directional or Omni-Directional SATCOM antennas fixed or magnetic mounted.
- High power broadband HF / VHF / UHF antennas
- HF 1.5 - 30MHz
- VHF / UHF 30 – 512MHz
- Antenna mounts for portable or fixed locations
- Tripod mounts for fixed locations
- Rapid deployment HF antennas.

Extend your communication reach

Testimonials



Testimonials



- *"Came in out of the field and the big boss loved the stuff that we got from you. His exact words were, "Buy more" If we only need one of something, then buy three of them."*
- **Cpt.T.R. SHIMP, S-6A, NMCI POC/POF**
- *"I was surprised at after running them for 8 days straight the ABP never got hot, and with losing power several times, the DC kicked right in, never missing a transmission*
SPC Johnson, 101st ABN
- *"I see the USMC looking at this real soon as a must have piece of gear"* - **CWO3 Berg, 8th Comm. BN, II MEF**
- *"Could see a vast cost savings in the use of a power supply for the Spitfire radio"* - **Jeff, G6, 10th Mountain**
- *"Just to let you know the equipment we have purchased so far works great we have been using non stop since we have been to Iraq"*
- **SSG Viau, 1st AD**
- *"Those transceiver power units are a wanted commodity over here because they hold up very well in this environment"*
- **Matheny, Alton G, MNC-I C-6**
- *"We sent the MBTRS out on a recent Air Assault and they wouldn't have been able to communicate had they not had the MBTR with the ABP adapter"* - **CPT Steve Giese, Iraq**

"We sent the MBTRS out on a recent Air Assault and they wouldn't have been able to communicate had they not had the MBTR with the ABP adapter"

In Summary





Summary

- Worldwide power integration; 9-36VDC, 85-270 VAC, 40-400Hz
- Small business, agile and responsive
- Focused on the leading edge of technology
- Most ABP power systems will operate multiple radios and not specific to a particular manufacturer.
- Complete integration of all requirements in a single case
- Ancillary Items allow one stop shopping for all Single Channel requirements
- Can provide custom products to meet specific requirements
- Highly experienced combat veterans for tech support 24/7/365
- 3 year warranty on all equipment
- ABP designs and manufactures Mission Critical communications gear (DLA)
- GSA contract number 47QSWA20D008R, and with multiple NSN items

Automated Business Power | Power On

CONTACT INFORMATION

Army, Navy, Marines and Coast Guard
Western USA west of the
Mississippi, Pacific and Asia

Jerry Hartsock
Business Development - Tactical
Cell: 910-527-2373
Fax: 301-977-5210
E-mail: jerryh@abp.com

US Air Force Worldwide

Jerry Hartsock
Business Development - Tactical
Cell: 910-527-2373
Fax: 301-977-5210
E-mail: jerryh@abp.com

Army, Navy, Marines and
Coast Guard Eastern USA east
of the Mississippi, Atlantic and Europe

Walter Wallace
Business Development - Tactical
Telephone: 910-376-7073
Fax: 910-347-8894
E-mail: walterw@abp.com

All other US Government
and Commercial Customers

Miguel Saenz
ABP Headquarters
Telephone: 301-977-5570
Fax: 301-977-5210
E-mail: info@abp.com

Thank You

