



Never Run Out of Power

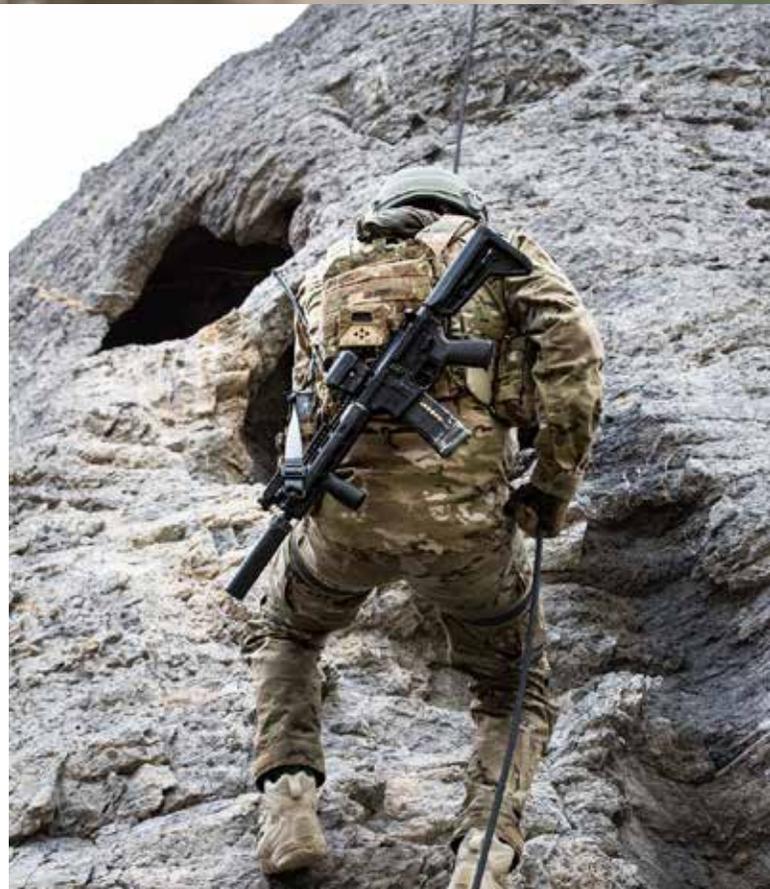
No matter where you are...





Advanced electronic equipment for individuals and small-units provides a game-changing, battle-winning technological advantage to US and Allied forces.

However, it is a major challenge to provide the power that small units need without increasing the burden of batteries that troops are loaded down with—especially for extended missions or operations in austere environments.





Our power management solutions enable units to maintain constant operability of their critical electronic equipment by scavenging power from any available source—including solar.

Power conversion is automatic and no special programming or configuration is required. Our smart cable technology makes adding another device or battery as easy as plug-and-play.

Simply connect to the available power source, such as a: vehicle/aircraft power socket, AC-grid, solar blanket or panel, field generator, car/truck or ATV battery, and you can even run multiple devices from the power source simultaneously.

Power that's not used for running devices can also be used to recharge military and commercial batteries, including Conformal Wearable Batteries, BB-2590s, power tool batteries, and UAS and UGV batteries. Also the latest high performance radio and SATCOM system batteries can be used.

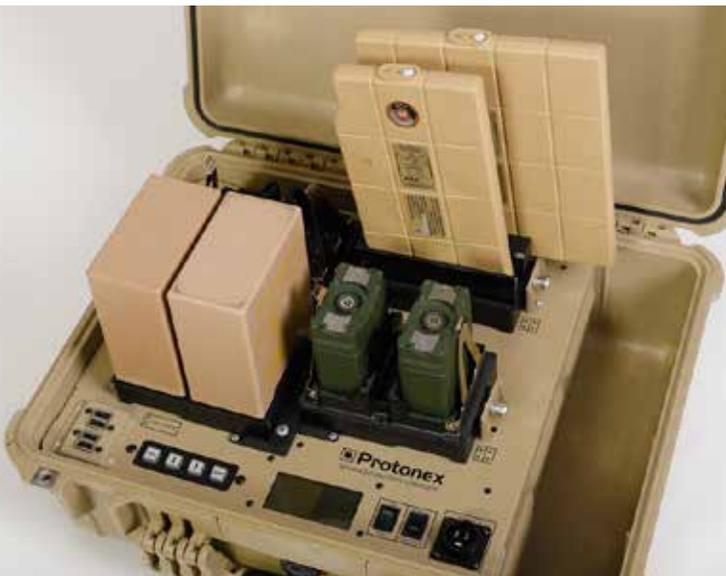


Reducing the 'Battery Burden' – doing more, with less...

The PTX series of robust, lightweight, intelligent power management systems were developed specifically to meet the energy demands of extended military operations in austere environments.

The core suite of PTX Power Management Systems consists of:

- The **ABC-812 Adaptive Battery Charger**: Allows end-users to charge all their batteries twice as fast, anywhere, and with half the energy.
- The **SPM-622 Squad Power Manager**: Dramatically reduces the number and variety of batteries that need to be carried on operations.
- The **VPM-402 Vest Power Manager**: Manages both data and power for “man-worn” communications and situational awareness systems.



PTX power management systems provide a wide range of mission-enhancing benefits:

- Simpler logistics and battery management
- Reduced 'Battery Burden'
- Extended operational capabilities
- Greater flexibility of energy sources

Applications and Solutions

By working directly with end-users, we have developed a range of kits for specialist applications that enhance operational capabilities.

These include:

Explosive Ordnance Disposal (EOD)

Kit: Explosive Ordnance Disposal teams need a wide range of power tools and electronic equipment to accomplish their tasks. Our EOD Universal Power Kit dramatically reduces the weight and clutter of batteries, chargers, and power adapters needed by EOD teams.



Prolonged Field Care Kit: Advances in medical technology enables the delivery of hospital-level care to the most remote parts of the globe. Our Prolonged Field Care MED Kit reduces the battery burden and enhances the operational capability of field medical teams by enabling them to run their communications, computing, and medical equipment from any available power source.



Extended Fire Support Kit: Indirect fires, CAS, and aerial ISR platforms mitigate risk for ground forces. Fire supporters and JTACs require multiple electronic devices to perform their mission, and our solution enables them to centralize power and data through a single smart hub.



We take care of the power - so you can focus on the mission...



Special Operations Forces Kit: SOF units conducting missions in austere or far-flung environments must have the ability to maintain constant communications links between elements, HQ, and host or partner forces by using multiple types of radios, tablets, and other voice, video, and data-enabled devices. Our solutions enable them to keep critical devices and batteries powered up for continuous operational capability.



Nett Warrior Infantry Kit: The Nett Warrior system is an integrated dismounted leader situational awareness system for use during combat operations. The system uses a single lightweight battery for power, and includes the capability to charge that battery on the go. Our Nett Kit includes a power manager, solar blanket, accessory cables, and adapters for standard-issue batteries and equipment.



Unmanned Aerial Systems: Austere locations present significant challenges for military UAS operators to keep their platform and ground station batteries charged. Our field-charging solutions draw power from any available source to keep platforms, ground stations, and support equipment charged up and fully operational—enhancing the mission capability of ISR assets in critical situations.

Our Story

In 2005 Protonex Technology Corp. was contracted to develop the first “Power Manager” system for the US military. Now in its 4th Generation, our SPM-622 Squad Power Manager is included as a ‘must have’ accessory in the US Army Nett Warrior program, and is in use with US and Allied SOF and conventional units all over the world.

The “PTX” branding for our power management solutions began as a form of short-hand for Protonex Technology Corporation, but could also stand for “Power Technology for eXtreme conditions.” Along with that came inspiration from nomadic tribes and the perservering warrior ethos of elite Special Operations Forces.

Our mission is to ensure that you have power whenever and wherever you need it—allowing you to focus on accomplishing your mission.



Giving Back

Many of our employees are military veterans, and several of them are recent GWOT veterans of the US Special Operations Forces community.

For us, giving back to the military community is more than just ‘corporate social responsibility’ or being patriotic. We give back because it’s the right thing to do, and because we honor the sacred bond we will always have with our Brothers and Sisters In Arms.

As a reflection of this, we proudly support the following military charities:





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