

Mobile Backup Power Systems

SEI recognizes certain user requirements may not be met by our standard DC-UPS products. Our **Custom Products Group** engineers and develops power solutions, directed toward specific applications, user specified options, or to specific form-fit requirements. Their experience enables them to take a total system approach, identifying and resolving underlying issues before they become a problem.

An example of our custom engineering capabilities can be seen in a project recently completed at NSWC Crane. Communications equipment housed in a Humvee enclosure was designed to be powered by either an external APU, the vehicle's alternator or on-board vehicle batteries. However, testing showed a potential point of failure – when supported by only the vehicle's batteries and the vehicle's starter was subsequently engaged, the resulting voltage drop caused the communication gear to fail.



The solution – SEI's Mobile Backup Power (MBP), a floor mounted version of our 24Vdc DC UPS configured to meet not only the 75 Amp electrical requirements, but also designed to survive the rigors of the battlefield environment while remaining easy to install and service. Protection from hazardous conditions, such as over-charge voltage or high-temperature charging, as well as charge and discharge status indications were also provided. Our engineer's attention to detail identified other criteria, such as the need for a 'recessed power connector' to help protect it from kicked loose by soldiers as they moved within the shelter.

With over 30 years experience and 30,000 DC power systems installed worldwide, SEI is uniquely qualified to solve your critical power requirements. With customers like NSWC, The Pentagon, The White House, and Fort Belvoir, you can be assured SEI will not only meet, but exceed, your expectations and requirements.

To Order Contact SEI Sales at 1-800-765-4SEI (4734)
Visit us on the web at www.seipower.com