





**“The Source For High Power Batteries”**  
**www.efbpower.com**

**Quick Facts:**

- Designed to be Soldier worn in protective vest outside armor plate but can be used independently
- 12 V, 2 A provided by a separate battery
- All cables except approximately 8” from vest to battery are contained inside the vest
- Hub and 5 connected 6” cables weight approximately 6oz.
- Chargers weight approximately 6 oz each (system can connect up to 3)
- Hub contains circuit protection.
- Specialized applications can be developed on request

EFB is proud to announce the release of the innovative Soldier Worn Integrated Power Equipment System (SWIPES). The SWIPES was developed with the Soldier in mind. Our goal was to reduce the Battery weight carried by our soldiers by up to 30% on multi day missions. The Swipes system is a modular power distribution system that was designed for use with the Primary Zinc Air, BA 8180, ZA 8140 Short and the ZA 8140 Conformal batteries as the power source. The BA 5590, BB2590 or LI 145 may also be used. The system may be Ruck or vest mounted utilizing a MOLLE mounting system. For Commonly used Handheld Communications, we chose to utilize pouch mounted chargers to maintain a high level of charge (80%) within an OEM battery. We also provide direct power for various GPS units and Shot Detection Systems. This approach reduces the need to carry spare batteries for each radio or GPS system on multi day missions. The System consists of a Lightweight, High Capacity Zinc Air battery, Battery cable, 4 port power distribution Hub, radio chargers and direct power cables.

The current offering in SWIPES consists of AN/PRC 148 MBITR Chargers, the AN/PRC 153 (XTS 2500) Chargers and a soon to be released charger for the AN/PRC 152 Falcon III. We also offer the direct power DAGR Cable as well as the Power supply cable for the Boomerang Warrior Shot Detection System. Each Charger and the DAGR Cable are shipped with the appropriate pouch. Take a moment to review the Mission Profiles to see the Battery weight reduction.

## 72 HOUR MISSION PROFILE

	Today's soldier	Today's soldier with 4 2590 batteries	Today's soldier with 4 5590 batteries	Today's soldier with 2 EFBC Zn-Air 8140S batteries
	<b>MBITR</b> 8 Li-ion 6.4 lbs	<b>MBITR</b> 1 Li-ion 0.8lbs	<b>MBITR</b> 1 Li-ion 0.8lbs	<b>MBITR</b> 1 Li-ion 0.8lbs
	<b>LMR</b> 8 NIMH 6.6 lbs	<b>LMR</b> 1 NIMH 0.8 lbs	<b>LMR</b> 1 NIMH 0.8 lbs	<b>LMR</b> 1 NIMH 0.8 lbs
	<b>DAGR</b> 24 AA 1.3 lbs	<b>DAGR</b> No batteries – run on direct power	<b>DAGR</b> No batteries – run on direct power	<b>DAGR</b> No batteries – run on direct power
 OR	None	Four <b>flammable*</b> 2590 batteries and the EFB SWIPES 13.7lbs	Four <b>explosive*</b> 5590 batteries and the EFB SWIPES 10.1lbs	Two <b>ultra-safe*</b> 8140S batteries and the EFB SWIPES 7.7lbs
+ 30 other small, long life batteries (AA, C123, 1/2AA) totalling 1.4lbs				
<b>Total:</b>	70 batteries 15.7 lbs.	<b>36 batteries</b> 16.7 lbs. A <b>gain</b> of 6% of total battery weight	<b>36 batteries</b> 13.6 lbs. A <b>saving</b> of 13% of total battery weight!!	<b>34 batteries</b> 10.7lbs. A <b>saving</b> of <b>32% of total battery weight!!</b>
<b>..and at the end of the mission...</b>	All batteries need recharging	<b>4 2590 batteries</b> to recharge	<b>4 hazardous</b> batteries to be disposed	<b>2 non-hazardous</b> batteries to be disposed
<b>The MBITR and LMR batteries taken on the mission come home fully charged</b>				

Up to **1/3 lighter battery weight**