

Portable Battery Pack



The company that listens to the warfighter and delivers.



The **Portable Battery Pack** enables the user to operate a handheld workstation using a wearable Ultra High Capacity External Battery Pack. Power is provided by a rechargeable Lithium Ion battery providing 14.4VDC output. The battery pack is housed in a fabric case that can be attached to the user by an integral 1½" wide belt loop. Power is routed to the handheld workstation via a coiled cable terminated with a mating Mil Circular Connector.

The **Portable Battery Pack** can operate as the primary power source for the handheld workstation in fielded applications and, on handheld workstations with internal hold up batteries, permit the user to switch external batteries without shutting down the computer.

The **Portable Battery Pack** is comprised of the attachment device consisting of pouch, interface cable, two batteries (one is a spare) and a battery charger.

The **Portable Battery Pack** pouch is constructed of padded, reinforced, rip-stop black nylon and has a top flap that is secured by a Velcro strip. The pouch also has 4 "D" Rings providing an alternate mounting method.

The **Portable Battery Pack** includes two long life high density lithium ion batteries in a portable and lightweight design; each capable of operating the Handheld workstation up to a maximum of 10 hours when fully charged. However, actual run time is dependent upon the features on the handheld workstation, what applications are running on the workstation and the selected brightness level on the workstation display. Each battery pack is provided with a fuel gauge that provides the user an indication of the charge level on the battery. Lithium Ion rechargeable batteries provide the highest amount of energy over any other rechargeable batteries and have the highest charge/discharge efficiency (99%) of all battery technologies.

The **Portable Battery Pack** is also provided with an AC Quick Charger capable of fully charging each battery. The Quick Charger is equipped with LED's that indicate charge status. Additionally, the charger is designed to identify if the battery fuel gauge needs calibration and, if necessary, performs the calibration process. The charger operates on auto ranging 90-260VAC power so you can recharge anywhere in the world. It is provided with a US AC power cord that connects to the AC/DC adapter via an international IEC 320 power input connector.

Portable Battery Pack

Specifications

BATTERY

| | |
|--------------|---|
| Voltage | 14.4 VDC |
| Dimensions | 0.9" X 6.6" X (6.3" excluding connector) X 4.3" |
| Weight | 700 g / 1.5 lb |
| Max. Current | 6 A |
| Capacity | 6.6 Ah |
| Type | Lithium Ion |
| Additional | Fully SMBus Compatible |

BATTERY CHARGER

| | |
|--------------------|--|
| Dimensions | 2.25" X 7" X 3.25" |
| Weight | 235 g / 8 oz |
| LED Status Display | Green flashing: Charging Green solid: Charge complete Blue flashing: Calibrating Red flashing: Battery fuel gauge recalibration recommended Red solid: Error |

BATTERY CHARGER POWER SUPPLY

| | |
|-----------------------------|-----------------------------|
| Dimensions | 4.7" X 1.5" X 2.4" |
| Weight | 500 g / 18 oz |
| Main Cord | 3 wire with NEMA 5-15P plug |
| Connection at AC/DC Adapter | IEC 320 |

BATTERY POUCH

| | |
|--------------|---|
| Dimensions | 1.4" X 7.3" X 4.9" |
| Weight | 150g / 5.4oz |
| Mounting | 1.5" wide belt loop plus 4 "D" rings |
| Material | Padded, reinforced, rip-stop nylon – black |
| Output Cable | 2 conductor, Coiled cable with Mil-Circular Connector |



Battery pack with carrying case



Battery pack charging stand

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Rugged Portable Systems

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