VPM-402
Featherweight; Extended Mission Power

The Vest Power Manager (VPM) is a light weight, compact and rugged intelligent power management system. The VPM-402 is integrated in the vest for on-the-go power recharge without complex wires.

The VPM utilizes power from multiple sources and automatically converts and routes that power to any gear or battery. No configuration or programming is needed.

An integrated smart USB hub connects data enabled devices.

The VPM dramatically reduces the number of proprietary batteries and chargers resulting in less weight and cost for today’s dismounted warfighter.

Protonex leads the industry in high performance, advanced power systems for portable military operations.

VPM-402 Benefits

- Manages and prioritizes battery usage
- Powers all man-worn gear: new and legacy
- Recharges continual and traditional batteries
- Optimizes solar/alternative power sources
- Monitors power sources, batteries, and kit, alerting warfighter to problems
- Dynamically adjusts to changing mission needs
- Fully submergible for use in all weather
- Reports all power levels, alerts, and mission information to smartphone or computer application

FULL DATA AND POWER INTEGRATED SOLUTION

- Vehicle and solar power sources
- Powers all new and legacy man-worn kit
- At a glance visibility of all equipment charge levels
- Featherweight: 5 oz
- In-vest charging for extended missions
VPM-402 Features and Functions

Four universal power ports permit versatile operation, powering devices, managing energy sources, and charging up to two batteries simultaneously—up to three in sequence.

Energy scavenger efficiently harvests power from solar panels, primary batteries, vehicle batteries, and other found power sources.

VPM-402 Solutions

Providing lightweight power solutions to soldiers operating in austere environments.

- Dismounted Infantry
- Fires
- Tactical Air Control
- Cavalry/Mounted
- Intel
- Communications
- Nett Warrior

TECHNICAL SPECIFICATIONS

Size
2.8 h x 3.5 w x 0.6 d inches
(7.1 x 8.89 x 1.5 cm)
0.3 lbs (0.14 kg)

- 20 to -55 C
- 3-34 VDC
- 75 Watts (14V nom)
- Up to 2 batteries
- Up to 3 batteries
- 4V to 34V
- I meter for 30 minutes
- USB 2.0 all ports

Additional specifications available at www.protonex.com

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Protonex Technology Corporation 153 Northboro Road
T 508.490.9960 F 508.490.8575 www.protonex.com

Southborough, MA 01772-1034