



INDIVIDUAL POWER MANAGER



Power all your gear, all the time, in any environment.

The Individual Power Manager (IPM) is the next generation of rugged, intelligent and portable power management. Smaller, lighter and more streamlined than other portable power management solutions, the IPM integrates with more than 200 types of batteries and electronic equipment, seamlessly supporting a wide range of missions and shifting user demands.

The Individual Power Manager can draw power from any source – vehicle or aircraft power outlet, solar blanket, primary and secondary batteries, and more – anywhere in the world. With its built-in intelligent power management software, the IPM can power a variety of equipment and recharge batteries simultaneously – no reprogramming required.

NEVER RUN OUT OF POWER

 **GALVION**

Specifications

Physical

9.4cm W x 6.4cm L x 1.7 H
170g

Operating Temperature

-20 to +60°C

Battery Voltage

10-34 VDC (14.4/28.8 Nominal)

Military Testing

Meets MIL-STD-810G & MIL-STD-461F

Connectors

3 x Glenair Mighty Mouse 7-pin

Graphical Display

LCD screen displays all power levels and remaining mission time

Control Keypad

Up, Down, Enter and Escape Buttons

Port Protection

Over-voltage, over-current, short-circuit, reverse polarity, surge, ESD

Smart Charging

SMBus 1.1 and SMBus 2.0 Support

Data Interface

USB Port

Scavenger Ports

Two (with MPPT)

Power Inputs

Any DC source in 7-50V range (worldwide AC sources with converter)

Port Max Power (Converter)

90W

Port Max Current (Converter)

5A

Converted Output Voltage

5-34V

Scavenger Input Voltage

7-50VDC

Quick-connect, smart cable technology delivers true plug-and-play performance – no reprogramming or reconfiguration required for different devices or batteries.

COMPACT AND EFFICIENT

Helps the individual soldier reduce the weight burden and operate more effectively – especially in remote or austere environments

BROAD COMPATIBILITY

Ensures continuous operation of mission-critical equipment – radios, satellite phones, GPS units, tablets, laptops, medical equipment, EOD equipment, power tools, UAV batteries, and more

THREE BI-DIRECTIONAL PORTS

Power devices, manage energy sources, and charge up to two batteries – simultaneously, without any manual reconfiguration or reprogramming

RUGGED

Fully ruggedized for military use, the Individual Power Manager withstands temperatures ranging from -20°C to 60°C, and can operate when fully submerged in more than a meter of water

Battery Compatibility

Virtually all standard military issue MOTS and COTS batteries, including:

- BB-2557 / -2590 / -2600 / -2800
- CWB,
- CSEL
- 12 / 24V vehicle
- SoloPack™
- SharePack®
- SnapOn® / DeWalt® /Milwaukee® tool batteries
- and more...

Cables and Adapters

Connect and power over 200 types of electronic gear, including:

- Radios and Communications equipment
- Specialist Explosive Ordnance Demolition gear
- GPS, targeting and imaging equipment
- Laptops, tablets and smart phones
- Prolonged Field Care medical equipment
- Unmanned Systems platforms and controllers

