BITTIUM TACTICAL POWER PACK™



Continuous operation for tactical devices

Bittium Tactical Power Pack™ is a field-proven wearable battery solution designed to extend the operating time of portable tactical communications devices.

It is designed for use with tactical devices such as Bittium Tough SDR Handheld™ radio and Bittium Tough Comnode™. Through a USB connection, it can also power standard tablets, smartphones, and other compatible devices. The Tactical Power Pack provides extended power for demanding field opeartions, helping keep critical devices operational when access to charging is limited.

The Tactical Power Pack consists of one or two Tough SDR Handheld batteries of the radio, a battery pack adapter, and application-specific extension cables.

Benefits

- Fully wearable military-grade battery solution
- Uninterrupted power supply, hot swap with dual batteries
- Battery capacity designed for tactical use cases
- Compact vehicular & USB-C charging
- Flexible interfaces
- Dedicated carrying pouch for easy MOLLE/PALS mounting

Use case examples

- Portable powering of Bittium Tough Comnode™ on the field
- Powering of Bittium Tough SDR Handheld™ radio with battery eliminator extension cable
- Charging of tablets and smartphones on the field
- Charging of the Power Pack batteries in vehicles and with USB-C

For more information, please contact:
defence@bittium.com

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DEFENCE & SECURITY

BITTIUM TACTICAL POWER PACK™

Technical specifications

ADAPTER POWER PACK
Product code: 9305310

Capacity
- 2 x 70 Wh Bittium Tough SDR Handheld batteries
- Single battery use
- Dual battery use (hot swap)

Power interface
- 10-pin MIL-connector ODU
- Tough Comnode pins: 15VDC, GND
- Battery eliminator Tough SDR Handheld pins: 15VDC, GND, SMBUS
- Vehicular charging pins: 24VDC/12VDC, GND
- USB 5V capacity with dual Tough SDR Handheld batteries: 26,000 mAh
- USB 3.1 compatible charging/ discharging with PD controller

Battery interface
- 2 x Tough SDR Handheld battery connectors

Dual use button
- ON/OFF, battery state of charge

Indicator LEDs
- Battery state of charge (upper/lower battery)

Mechanical
- Size ~45 x 85 x 50 mm
- Weight 300 g
- IP67 water and dust resistant
- MIL-STD-810G shock resistant

Operating temperature
- -20°C...+55°C

Regulatory
- CE
- SFS-EN 62368-1
- MIL-STD-1275

BATTERY SDR HH
Product code: 9304758

Electrical
- Battery cell: Lithium-Ion
- Capacity: 70 Wh
- Nominal voltage 10.8 V
- Maximum voltage 12.6 V
- Discharging: 3.4 A nominal

Connectors
- Device connector: output voltage, status data SMBUS
- Bottom charging pins

Mechanical
- Size ~47 x 74 x 80 mm
- Weight ~415 g
- IP67 water and dust resistant
- MIL-STD-810G shock resistant

Operating temperature
- -20°C...+55°C

Regulatory
- CE
- SFS-EN 62368-1



INTERFACE CABLES

Comnode Power Pack
- Product code 5501070

Charging Power Pack 24V/12V OE
- Product code 5501071

Battery Eliminator Power Pack
- Product code 9404505

Power Pack USB-C Charging
- Product code 5501073



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