

# Bittium

## Bittium Tactical Power Pack™



**Bittium Tactical Power Pack™** is a field proven wearable battery solution for portable tactical communications devices.

The Tactical Power Pack has been designed to be used with tactical devices such as Bittium Tough SDR Handheld™ radio and Bittium Tough Comnode™ device, but it can also be easily used with normal tablets and smartphones through USB connection. The Tactical Power Pack enables uninterrupted field use for the devices.

The Tactical Power Pack consists of one or two batteries of the Tough SDR Handheld radio, battery pack adapter, and use case 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:

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# 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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