



Entrée WirelessTM

Warrior Battery Pack Portable Wi-Fi Mesh Network Repeater Model WBP-G49R - Specifications

The WBP-G49R is a rugged, self-contained battery/charger/equipment package designed for 'Deployable Field Kits' (DFK) that bring portability and instant deployment to communication equipment.

The WBP-G49R is ideal for use as a repeater to extend mesh networks and to connect laptop and PDA users and security devices such as video cameras and sensors to the Internet.

The WBP-G49R enclosure provides an internal plate for mounting a Global Mesh Technologies AP-4900 mesh router or similar electronic device. It includes room for storage of cables and other small devices and provides an internal 12V power connector for use with standard vehicle power adaptors.

The WBP battery is rated at 4.2W for 20 hours. For maximum performance and battery life, the battery should not be discharge more than 50%. The recommended operating time for a 6W router is 7 hours (it will operate up to 14 hours). Do not operate the WBP beyond it's limit as a full discharge can damage the battery.

During AC operation, the built-in multi-mode charger has enough capacity to operate the equipment and charge the battery. If the equipment is off a fully discharged battery can be recharged in less than 3 hours. Consult factory if the load is greater than 16W.

It is recommended that the WBP be connected to AC whenever it is not being used in a portable application.

Note: The DC power switch must be on during charging

Wired LAN Connection

- RJ45 Weather proof with cap

Wireless Connection

- 2.4 GHz connector – N-F to N-F bulkhead
- Aux connector – N-F to N-F bulkhead

Battery/Charger System

- Charger AC Input - 90VAC – 130VAC
- Charging - 40 watts, Standby – < 3 watts
- Automatic multi-mode 3A battery charger
- Battery – 12V/7AH, SLA (20 hrs @0.35A)
- Internal vehicle power outlet
 - 12V DC output (11.5 – 14.7 VDC)
- Internal DC power fuse – 3AG 10A SB

Switches and Indicators

- DC power switch – On/Off
- DC power ON indicator – red LED
- Charger status LED (internal)
 - (Green = Charged, Orange = Charging)

Physical

- Rugged water resistant case
- Size - 13.5"L x 11.75"W x 6"D (not including antennas or open handles)
- Mounting plate - 12" x 9" (1.25"D max)
- Weight – 15 lbs, Color - Black

Not Included

- POE Injector
- 12V to 5V vehicle power converter
- Internal pigtailed from the AP4900 to N-M
- External Type N antennas

Typical – Extended Command Anywhere Mesh Network

