



MBITR Power Adapter P-501

The P-501 provides actual not nominal protection from power surges that can destroy radios.

Features

- Dual inputs allow use of battery or vehicle power
- Conditions both battery and optional 10-32 VDC inputs
- Provides over current protection
- Provides short circuit protection
- Provides over temperature protection
- Protects from EMI/RFI emissions

Overview

Why put your radio investment of many thousands of dollars at risk?

The P-501 helps to protect from catastrophic loss due to sudden power surges. It combines small size with a high degree of power conditioning and fault protection.

Applications

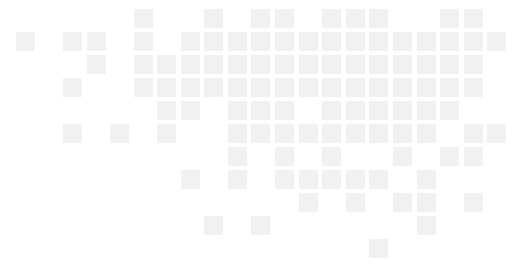
The P-501 MBITR power adapter provides a conditioned power interface, allowing use of 10-32 VDC power sources to operate the MBITR radio. The 36" input power cable can be tightly dressed up or down without straining the connection point, making for easy placement.

More than Quality Control

Each unit is put through vigorous testing and analysis prior to shipment. You can be confident that you get the performance you expect ... not part of the time, all of the time.

MBITR Power Adapter

P-501



Technical Specifications:

| | |
|---------------------------|--------------------------|
| Part No. | P-501 |
| Size (H x W x D - inches) | 1.625 x 1.5 x 3.75 |
| Weight | <14 oz. |
| Input Power | 10-32 VDC |
| Output Power | 12.5 VDC +/- 2% @ 4 amps |
| Cable Length (inches) | 36 |
| Operating Temperature | -30° to +60° C |
| No-Load Power Consumption | 1.4 watts (typical) |
| Efficiency | 90% (typical) |
| Duty Cycle | 100% |

Protection:

| | |
|--------------------|--------------------|
| Input Overvoltage | 36 volts |
| Input Undervoltage | 8 volts indefinite |
| Output Overcurrent | 5 amps |

Indicators:

| | |
|------------------|---|
| Output Power OK | • |
| Bad Output Power | • |
| Low Battery | • |
| Bad Battery | • |