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TRI-PTOC-4G

Portable Tactical Operation Case Rev B



Radio sold separately or
G.F.E.

Description

The TRI-PTOC-4G is an Integrated, self-contained **Water tight, impact resistant**, power/voice/data **storage case for 4 AN/PRC-117G** or RF-7800M-MP series transceivers able to operate in a vehicle convoy, Command Post, FOB, military & civilian vehicles, aircraft, shipboard and portable missions.

Complete with **Integrated uninterruptable power supply** transceiver operation from any AC power source worldwide (including aircraft power) or 9-36VDC power source (HMMWV and other vehicles). No need to remove components from case.

Trillium Research • 3347 S. West Shore Suite 5 • Tampa, FL 33629
Sales and info 301..793.0477 D@TrilliumRsch.com
Fax quote requests to 813.374.9982 Contract information 813.892.1225



Designed, engineered and manufactured in the United States

www.trilliumrsch.com



TRI-PTOC-4G Specifications

Input Voltage (including aircraft power)	85-270 VAC, 47-440 Hz single phase and/or 9-36VDC	Compatibility	AN-PRC-117G & RF-7800M-MP series transceivers
Radio DC input Current	26.5VDC@5.5 Amps (7 Amps peak)	Aux Output	26.5 VDC nominal output with a continuous current of 1 amp
UN 38.3 TRANSPORT	Battery is independently tested and certified to UN38.3 Transportation Requirements.	Output Ripple	<50mV
Operating Temp	-40°C to 71°C	Output Protection	Continuous short circuit over-voltage, over temperature protection auto reset
DC Input Protection	MIL-STD-1275	Radio UPS Backup	Instant on switching, instantaneous switchover from AC to DC.
Size	22.1"L x 17.9"W x 10.4"H	Efficiency	Approx 97% for DC, 87% of AC input, across the voltage range
Accessories	DC power cable, AC power Cable with US NEMA 5-15P plug, and Operators manual	Weight	45lbs (without radio)
Storage	Storage for four AN/PRC-117G radios, rapidly deployable	Power supply	Integrated uninterruptable power supply
Case	Water tight, impact resistant	Battery Life	<u>60% STDBY/30% RX/ 10% TX</u> <u>SINGARS , CT , 5W</u> <u>7.5HRS</u> <u>HAVEQUICK II, 10W 6 HRS</u> <u>SATCOM 181B, 20W 7.5HRS</u> <u>ANW2 5W 5Hrs</u>

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