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TRI-PTOC-2G

Portable Tactical Operation Case



Radio sold separately or G.F.E.

Description

The TRI-PTOC-2G is Integrated, self-contained power/voice/data case for AN/PRC-117G, RF-7800H-MP or RF-7800M-MP transceiver for application in Tactical Command Post, shelter, HMMWV, military & civilian vehicles, aircraft, shipboard, portable applications.

Provides an uninterruptible power system case that operates from a worldwide 85-265VAC / 47-440Hz AC power source or 9-36VDC DC power source to include AC or DC aircraft power, HMMWV, AC generator and vehicle battery. The TRI-PTOC-2-50 can be operated in or out of case. The transceiver is securely mounted on a Jerk-And-Run mount. No tools are needed. Separate AC and DC cables. Auxiliary 26VDC/1A output to power amplified speaker and encryption equipment. Storage space for Speaker, cables and G.F.E. Transceiver, Laptop Computer, Handset, Antennas. Space age robust composite case with quick lock latches and internal gasket is water/air tight and sand/dust-proof. EMI/RFI protection. Designed to meet MIL-STD 1275, 461, 462, 810 and TEMPEST. 3 Night Vision Goggles (NVG) compatible indicator lights: AC, DC, fully charged battery. Fully automatic. No user intervention or setup is required! No switches to push or turn.

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Designed, engineered and manufactured in the United States

www.RF.trilliumrsch.com

TRI-PTOC-2G

Specifications



Items Included	Each unit includes, Trans. Case one Uninterruptible Power Supply, one Rechargeable Battery, one High Efficiency Amplified Speaker, Cables (AC, DC and Audio), one Operation/Maintenance manual	EMI/RFI protection	Designed to meet MIL-STD 1275, 461, 462, 810 and TEMPEST
AC Input Voltage	85-270 VAC, 47-440 Hz single phase. AC power in all foreign countries, AC aircraft power, AC generator and DC to AC Inverters. Not limited to 95VAC	Indicator lights	3 Night Vision Goggles (NVG) compatible indicator lights: AC, DC, fully charged battery
DC Input Voltage	9-36VDC aircraft power, HMMWV and DC generators. Not limited to 11VDC (including aircraft power)	IAS™ UPS	Instantaneous automatic switch-over to the rechargeable backup battery during AC or DC power failure
DC Supply	26.5 @ 5.5 Amps (7 Amps peak)	Operation	Fully operational with or without the battery
Output Protection	Continuous short circuit over-voltage, over temperature protection auto reset	Operator safety	Feature prevents the use of incompatible battery
Radio UPS Backup	Instant on switching, IAS™, instantaneous switchover from AC to DC.	Cable Safety	Separate AC and DC cables for user safety
Operating Temp	-40°C to 71°C	Weight	11lbs (without radio)
Battery charging	Automatic battery charging while operating/or not the transceiver from AC or DC power source	Set Up	Fully automatic. No user intervention or setup is required! No switches to push or turn.
Battery Life (Battery included)	<u>60% STDBY/30% RX/ 10% TX</u> <u>SINGARS, CT, 5W 7.5HRS</u> <u>HAVEQUICK II, 10W 6 HRS</u> <u>SATCOM 181B, 20W 7.5HRS</u> <u>ANW2 5W 5Hrs</u> Fully operational with or without the battery	Case	Space age robust composite case with quick lock latches and internal gasket is water/air tight and sand/dust-proof.
Speaker	5 Watts High Efficient Amplified Speaker with Automatic Level Control (ALC)	Storage space	Space for Speaker, cables and G.F.E. Transceiver, Laptop Computer, Handset, Antennas, KY-99 and KY-57
Compatibility	AN-PRC-117G, RF-7800M-MP or RF-7800H-MP	Size	18.9"L x 14.5"W x 7.5"H
Aux Output	26VDC/1A output to power amplified speaker and encryption equipment.	Warranty	3 Years warranty

