

Adaptive Transceiver Power Supply

DC Input with Internal Battery Backup

The TSE-ATPS-DC-1 is the first power supply designed in discrete modules which allows user selected configurations such as a DC only configuration for vehicle use which reduces the size and weight.

Fully reversible. The ATPS allows for quick installation and allows either left hand or right hand cable installation using modules which can be reversed by the operator. The TSE-ATPS-DC-1 is used as a single DC /BATT module, eliminating both size and weight for vehicular applications. The improved battery backup is the longest lasting battery on the market today. The TSE-ATPS-DC-1 reduces size and weight requirements while providing assured power from an advanced design.

The TSE-ATPS-DC-1 has been tested to, and passed, MIL-STD 461F requirements by a national, independent, test laboratory. The power supply is designed to meet MIL-STD-810, TEMPEST and is night vision compatible.



DC with Connectors on Left Side (Standard)

Part #: TSE-ATPS-DC-1



DC with Connectors on Left Side (Standard)



DC with Connectors on Right Side

Features

- Compatible with:
PRC-117G, PRC-158, PRC-160,
RF-7800H-MP, RF-7800M-MP,
RF-7800R-RC
- Internal Back Up Battery
- User Configurable:
DC with Connector on Left Side (Standard)
DC with Connector on Right Side
- 3.1lbs
- 7.5hrs of Battery Life

Available on GSA Schedule **GS-35F-0039T**

Tactical Support Equipment Inc.
4039 Barefoot Road
Fayetteville, NC 28306
www.tserecon.com

For More Information
Contact sales@tserecon.com



Phone: 800.889.4030
Phone: 910.425.3360
Fax: 910.425.3361

Specifications (TSE-ATPS-DC-1)				
Compatibility	PRC-117G, PRC-158, PRC-160, RF-7800M-MP, RF-7800-MP, RF-7800-RC			
Battery Backup	Internal 113 Watt Rechargeable Li-Ion Battery with Instant On Switching (IOSTM), instantaneous switchover to rechargeable battery backup			
Battery Run Time	60% Standby 30% Receive 10% Transmit	SINGARS	5W	7.5HRS
		HAVEQUICK II	10W	6HRS
		SATCOM 181B	20W	7.5HRS
		ANW2	5W	5HRS
UN 38.3 Transport	Battery is independently tested and certified to meet UN38.3 Transportation Requirements			
Input Voltage	9-36VDC			
Efficiency	Aprox 97% for DC, across the voltage range			
DC Output Current	5.5 Amps (7 Amps peak)			
DC Input Protection	MIL-STD-1275			
Output Voltage	26.5 VDC nominal			
Output Ripple	≤35mV			
EMI	MIL-STD-461F Independently Certified			
Aux Output	26.5 VDC nominal output with a continuous current of 1 Amp			
Output Protection	Continuous short circuit over-voltage, over temperature protection auto reset			
Size	DC Configuration - 3.36"H x 5.63"W x 3.8"L			
Weight	DC Configuration – 3.0lbs with Internal Back Up Battery			
Operating Temperature	-40° C to 71° C			
Environmental	MIL-STD-810			

STANDARD ACCESSORIES INCLUDED:	
DC Input Cable, 6ft.	TSE-ATPS-DCC-1
Li-Ion Battery Pack	TSE-BAT11.1VDC-1
Operators Manual	N/A

DC Input Cable



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