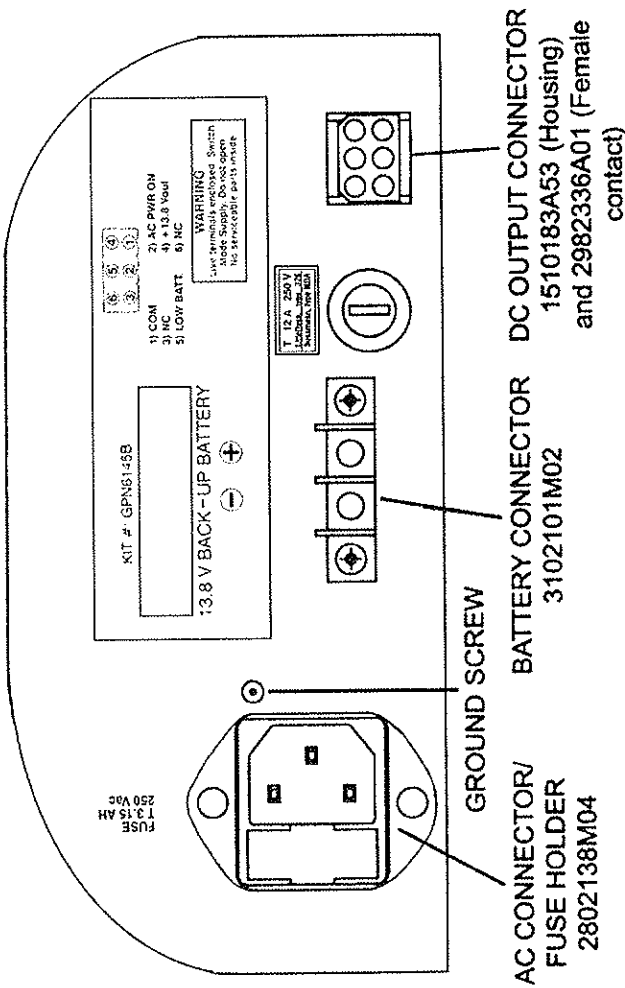
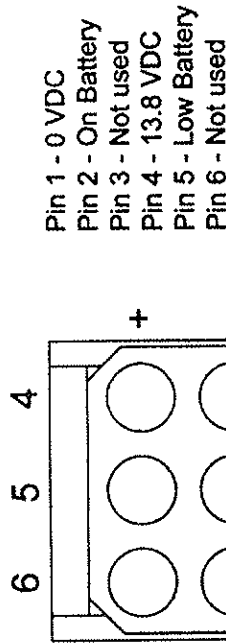


REAR VIEW



PIN DESCRIPTION OF THE DC OUTPUT MOLEX CONNECTOR:



1. APPLICATION

This switchmode power supply is for use as a power source for a two-way mobile radio or its equivalent. It includes battery revert and trickle charging capability.

2. TECHNICAL INFORMATION

- 2.1 Input voltage: 98 to 254 VAC
- 2.2 Input operating frequency: 47 to 63 Hz
- 2.3 Output voltage set: 13.8 VDC at 6 A load
- 2.4 Operating load condition: Duty cycle 20 min. at 10 A (or 6 A DC output continuous)
- 2.5 Protection
 - Overload and short circuit protection with automatic recovery: >10 A.
 - Overvoltage protection on the DC output: 15 VDC \pm 0.5 VDC
- 2.6 Battery Backup (if in use)
 - 12 V battery operated in case of AC power loss.
 - Reverse battery voltage protected.
 - Battery maintenance voltage: 13.8 VDC (\pm 50 mV/set at no load, adjustable from 12-15 V).
 - Trickle charging current: 500 mA max. initial charge (current limit).

NOTE:

The trickle charging is intended to maintain the battery at full capacity for long periods of time between power failures.
THIS IS NOT INTENDED FOR BATTERY CHARGING.
 If the battery is discharged completely it must be removed and charged via an external charger.

3. INDICATIONS

The power supply provides Power On/On Battery/No Backup LED indication on the front panel as following:-

Green LED	Red LED	Status Indicated
Off	Off	No AC Power/No Backup
Off	On	No AC Power/On Battery
On	Off	AC Power On/No Backup

Low Battery/On Battery open collector indication at DC Molex connector for TRC applications as following:-

AC Power	Pin 2(On Batt.)	Batt. Volt	Pin 5 (Low Batt.)
Off	Floating	>10.8V	Floating
On	Low	<10.8V	Low
		(or battery fuse blown)	