



FEATURES

Power following radio equipment:

A – F model SINGARS, AN119, PRC113, PRC104, PRC150, PRC117, PSC-5

Power following VRC systems:

AN/VRC-92A, VRC-91A, VRC-90A, VRC-89A, VRC-88A, VRC-87A, VC-83 R (V) 2

Power up the following items:

AA Battery chargers, Cell Phones, Laptops, Inverters, GPS's, AM/FM Radios

A TRANSFER OF POWER

INTRODUCING THE NEW G-PACK

The G-Pack 2400 is simply the most versatile Power Supply Graywacke Engineering has developed to date. This light weight pack produces power for 12 and 24 VDC applications. Using interchangeable adaptor cords the power outputs can be customized for each user's individual requirements.

Because the G-Pack 2400 uses 2 different means (connectors and binding posts) to interface with the power output; the user is able to provide power to numerous commercial products that require 12 or 24 VDC to operate up to a 9 amp requirement.



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GENERAL SPECIFICATIONS

Efficiency.....	85% typical
Isolation Voltage (input to output).....	1500VDC min
Isolation Voltage (input to case & output to case).....	750VDC
Isolation Resistance (input to output).....	>100 M Ohms
Switching Frequency (Fixed).....	400 kHz \pm 10%
Minimum Load.....	none required
Weight.....	31 lbs
Dimensions.....	19.1L x 15.4W x 7.6D
Working Temperature Range.....	0 - 40C
Storage Temperature.....	-20 to 80C

12/24 VDC Accessory Outputs:

Pin Configuration:.....	pin 1(-), pin 2(+) - 12 VDC
	Pin 4(-), pin 3(+) - 12 VDC

INPUT SPECIFICATIONS

Input Voltage Range.....	18-36 VDC
Nominal Input.....	24 VDC
Input Voltage Lockout.....	<16 >38VDC
Input Filter.....	Pi input filter
Input Reflected Ripple.....	20mA p-p (see note 2)

OUTPUT SPECIFICATIONS

Output Current.....	8.33 A
Output Voltage Tolerance.....	\pm 1% max
External Output Trim.....	\pm 10%
Line Regulation.....	\pm 0.1%
Load Regulation.....	\pm 0.1%
Short Circuit Protection.....	Continuous
Over Voltage Protection.....	approx. 120% Vout, self-resetting
Ripple/Noise (20MHz BW).....	1.5% Vout (see note 3)
Remote Sense.....	up to 0.5V power line drop
Transient Response.....	\pm 5.0% deviation, 100u/sec recovery to within \pm 1.0%
Current Limiting Inception.....	approx. 125%
Thermal Overload.....	+110°C base plate, self-resetting