



IEPS2 shown



Fully regulated linear design
Suitable for 25W and 35W R/T sets
High peak power ratings for transmission
Short circuit protected
Attractive bench top enclosures
R/T can mount on top of PS3 model
Proven field reliability and performance.
Designed and manufactured in NZ to ISO9001

The **IEPS2** and **IEPS3** power supplies are designed specifically to power 12V communications equipment in an office or switch-room environment.

Low noise emissions and quality construction make this PSU a winner in its class.

WARNING: Not to be used in conjunction with a battery on the output

◆ 24 Month Warranty

SPECIFICATIONS All specifications are typical at nominal input, full load and at 25°C unless otherwise stated.

ELECTRICAL	
AC Input	230 / 240 VAC ± 5%
Frequency	50Hz
Fusing / Protection	Panel mount external fuseholder at rear (standard 5 x 20 mm glass fuse)
Isolation	3.5KV AC 1 min. input / output 1.5KV AC RMS 1 min. input / output / gnd.
Output Power	PS2: 8A @ 50% duty, 4A continuous PS3: 12A @ 50% duty, 5A continuous
Output Voltages	13.8V
Current Limit	Foldback limiting at 120% rated load
Line Regulation	< 0.2% over input range
Load Regulation	< 1.0% open circuit to full load
Ripple	<0.2% pk-pk (0.05% RMS)

ENVIRONMENTAL	
Operating temperature	0 to 40° C ambient at full load max. 60° C @ 50% load
Storage temperature	-10 to 70° C
Temperature rise	50° C above ambient at full load (transformer and heatsink)
Cooling	Natural convection

STANDARDS	
EMC radiated noise	To EN55022-A
conducted noise	To EN55022-A
Safety	To IEC950 (EN60950), AS/NZS3260:1993

MODEL CODES				
MODEL	DC Output			Suggested RT Power
	Voltage	Current Continuous	Current @ 50% duty	
IEPS2	13.8V	4.0A	8.0A	25W
IEPS3*	13.8V	5.0A	12.0A	35W

* minimum order quantity = 20

DIMENSIONS	
PS2:	165mm W x 237mmD x 55mm H
PS3:	188mm W x 246mmD x 85mm H

ACCESSORIES	
DC Output Plug (incl. wires)	Order code: RWISPS2I1

PHYSICAL	
AC Input connector	Mains cordset, 1.5m long with standard Australasian 3 pin plug
DC Connections	PS2: Flex lead, 0.75mm, with mating plug PS3: Terminal block
Enclosure	Mild steel enclosure, vented case. Powder coating over zinc chromate
Finish	Iridescent charcoal finish
Indicators	Power on, neon indicator in switch
Weight	PS2: 2.6Kg PS3: 4.0Kg
Mounting	Benchtop mounting, PS3 has integral mounting brackets for fitting radio on top of power supply unit