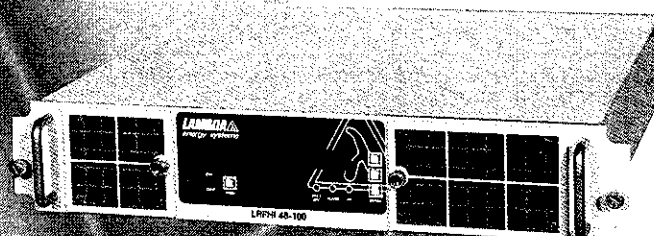


Series LR

LAMBDA 

An Invensys company



1500-5600

WATTS

POWER SUPPLY AC/DC

SINGLE OUTPUT

Telecom rectifier

**Ideal for charging 48volt
battery sets**

Near unity power factor

**Increased power density
low weight module**

**Active current sharing for accurate
load distribution**

INPUT

Input voltage range:	230VAC RMS single phase (150-275VAC RMS)
Input frequency:	45-66Hz
Input current:	Sinusoidal to meet harmonic limitations of BS EN61000-3-2 (IEC 555-2)
Power factor:	>0.95 (50-100% load)

OUTPUT

Output voltage:	Range	Setpoint
Float mode (mode 1)	50-57V	54.5V
Boost mode (mode 2)	50-57V	55.7V
Bat. mode (mode 3)	45-49V	46V
Output trim:	Permits output voltage to be programmed by an externally applied voltage to the converter.	
Over voltage:	59.5V manual reset	
Over temperature:	Auto resetting thermal limit	

GENERAL

Efficiency:	>90%
Operating temperature:	-10°C to 55°C
Load regulation:	0.025% (0-100% load change)
Line regulation:	±0.025% (176-264VAC)
Alarms:	LED indicators on front panel for: Input good - Output good Output current good - Over current operating mode

ENVIRONMENTAL

Safety:	IEC950, EN60950, UL1950, CSA 22.2 950-95, EN41003, CE marked (LVD)
EMC:	EN55022 level 'B' Conducted and radiated
Immunity:	EN50082-2

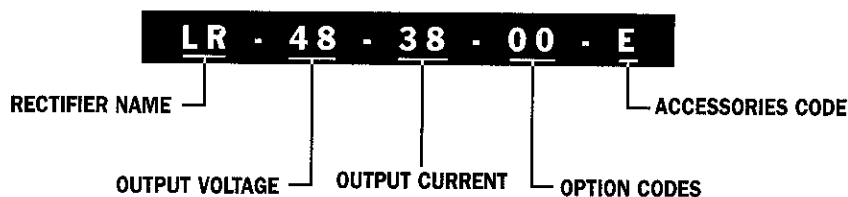
ELECTRICAL DATA

Model No.	Maximum power	Output	
	Watts	Volts	Amps
LR 48 30	1500	50-57	30
LR 48 38	2200	50-57	38
LRFHI 48-100	5600	50-57	100

OPTIONS

Output voltage trim	Output voltage may be linearly adjusted by external voltage	Fitted as standard
Converter output good	Internal relay contacts signalling healthy input and output conditions of converter	Fitted as standard
Remote sense	Load point regulation	
Floating opto-coupled outputs	Signals mirroring front panel signalling	Fitted as standard
Current monitor output	Analogue signal proportional to load current	Fitted as standard
Remote inhibit	Shutdown by external signal to converter	
Droop sharing	Passive current sharing	
Active current sharing	Daisy-chain connection between modules to achieve accurate current share	Fitted as standard

PRODUCT CODE



OPTION CODES

Models - 30/38		Model - 100	
00	160mm front panel/body width	00	Standard unit
01	80mm front panel/body width	E	Ship with 19" mounting shelf
02	130mm front panel/body width	N	Ship with 23" mounting shelf

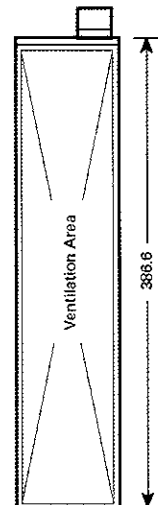
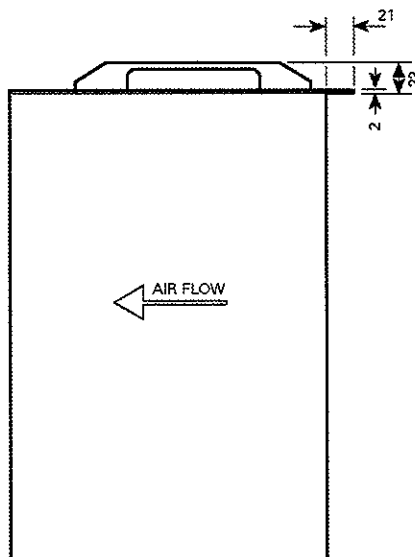
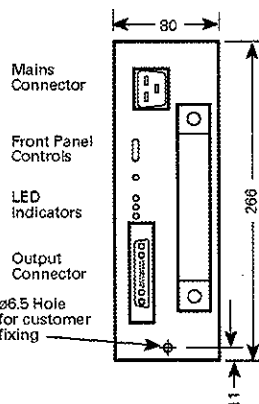
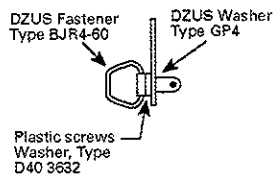
Series LR

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EDITION 2001

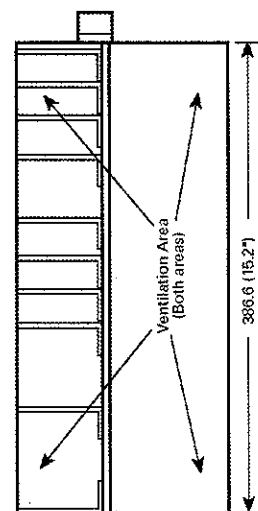
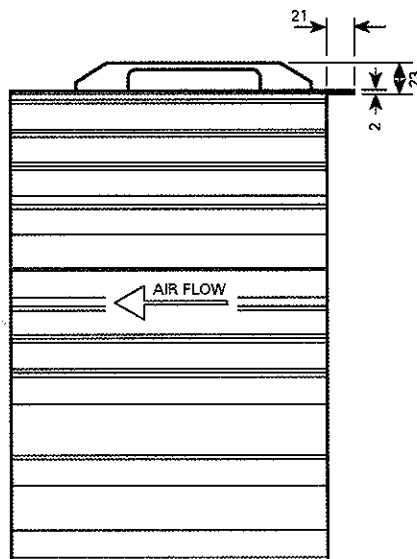
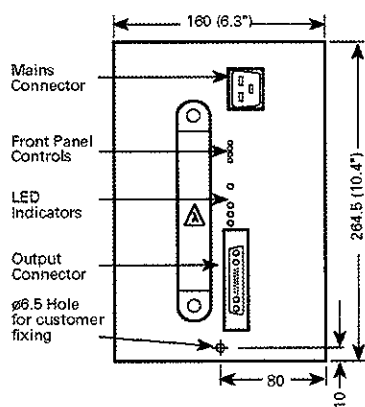
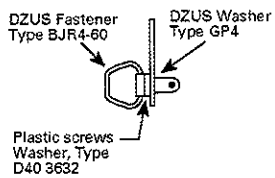
LR48-30

Customer Fixing Details

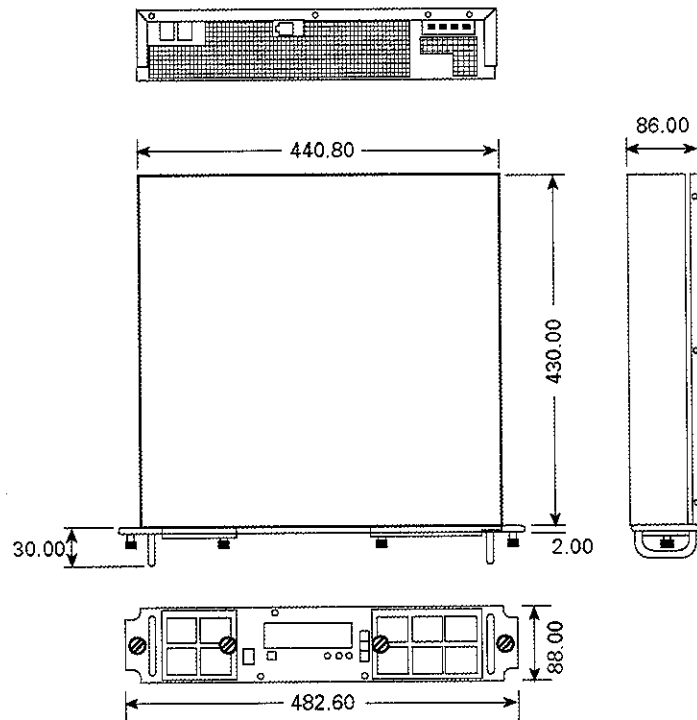


LR48-38

Customer Fixing Details



LRFHI48-100



Series LR

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