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INTEGRATED POWER DESIGNS

300 Stewart Road
Wilkes-Barre, PA 18706 USA
Phone: (570) 824-4666

Web: www.ipdpower.com
Email: sales@ipdpower.com
Fax: (570) 824-4843

SRP-30/35A SERIES OPERATING INSTRUCTIONS

INPUT RATING: 100-240VAC, 2 A, 50-60 Hz.
OUTPUT RATING: 28-35 Watts (depending on model) maximum total output power convection cooled.

MODEL LISTING:

Model	Output #1	Output #2	Output #3	Output #4
SRP-30A-4001	+3.3VDC/3A	+5VDC/2A	+12VDC/.35A	-12VDC/.35A
SRP-30A-4002	+5VDC/3A	+3.3VDC/2A	+12VDC/.35A	-12VDC/.35A
SRP-30A-4003	+5VDC/3A	-5VDC/2A	+12VDC/.35A	-12VDC/.35A
SRP-30A-4004	+5VDC/3A	-5VDC/2A	+15VDC/.35A	-15VDC/.35A
SRP-30A-4005	+5VDC/3A	+24VDC/.75A	+12VDC/.35A	-12VDC/.35A
SRP-30A-4006	+5VDC/3A	+24VDC/.75A	+15VDC/.35A	-15VDC/.35A
SRP-30A-4008	+6VDC/4A	+24VDC/.5A	+12VDC/.35A	-12VDC/.35A
SRP-30A-3001	+5VDC/3A	+12VDC/1.5A	-12VDC/.5A	
SRP-30A-3002	+5VDC/3A	+15VDC/1.5A	-15VDC/.5A	
SRP-30A-2001	+5VDC/3A	+24VDC/.75A		
SRP-30A-2002	+5VDC/3A	+12VDC/1.5A		
SRP-30A-2003	+5VDC/3A	-5VDC/3A		
SRP-30A-2004	+12VDC/1.5A	-12VDC/1.5A		
SRP-30A-2005	+15VDC/1.5A	-15VDC/1.5A		
SRP-30A-1001	3.3VDC/9A			
SRP-35A-1002	5VDC/7A			
SRP-35A-1003	12VDC/2.93A			
SRP-35A-1004	15VDC/2.3A			
SRP-35A-1005	24VDC/1.45A			
SRP-35A-1006	48VDC/.73A			

NOTES:
1. A suffix may be added to the model number to indicate the following optional configuration: (IO-isolated outputs).

CLASSIFICATION:
1. Protection against electric shock – Class I.
2. Protection against harmful ingress of water – IPXO (Non-protected), ordinary.
3. Methods of sterilization – None.
4. Suitability for use in an oxygen rich environment – End user responsibility, not evaluated.
5. Mode of operation – Continuous.

ENVIRONMENTAL:
For Indoor Use Only.
No protective packaging required during transport.
Operating Temperature- 0-50°C
Storage Temperature- -40-85°C
Operating / Storage Humidity- 0-95%RH non-condensing
Operating Altitude- 3000m max.

CE

DECLARATION OF CONFORMITY

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Manufacturer: Integrated Power Designs, Inc.
Manufacturer's Address: 300 Stewart Road, Wilkes-Barre, PA 18706 USA

Declare that all models listed above including all options are in conformity with the applicable requirements of:

EN 60950-1/A12:2011 Information Technology Equipment. General Requirements

following the provisions of the Low Voltage Directive:

2006/95/EC of 12 December 2006.

as well as the provisions of the EMC Directive:

EMC Directive 204/108/EC of 31 December 2004.

In addition, all models are Certified to be in compliance with applicable requirements of UL 60950-1 2nd Edition, UL 60601-1 1st Edition, ANSI/AAMI ES60601:2005, IEC 60950-1/A1:2009, IEC 60601-1:1988+A1:1991 +A2:1995 and IEC 60601-1:2005 including all EU national deviations, CAN/CSA-C22.2 No. 60950-1-07, CAN/CSA-C22.2 No. 601-1-M90, CAN/CSA- C22.2 No. 60601-1:2008, EN 60950-1/A12:2011, EN 60601-1/A2:1995 and EN 60601-1:2006. All models are also in conformity with the applicable requirements of EN 50081-1:1992 Generic Emission Standard and EN 50082-1:1998 Generic Immunity Standard.

BY: Steven Thompson- President

PLACE: Integrated Power Designs
300 Stewart Road, Wilkes-Barre, PA 18706 USA

DATE: January 2, 2014

EUROPEAN CONTACT:

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SRP-30/35A SERIES OPERATING INSTRUCTIONS

WARNING!
RISK OF FIRE! An open internal fuse indicates a catastrophic failure of circuit component(s). Repair must be by authorized IPD personnel only. Refer to fuse rating on power supply circuit board for rating.

WARNING!
SHOCK HAZARD! Dangerous voltages are present on some components, printed circuit board traces and heatsinks. To avoid risk of electric shock this equipment must only be connected to a supply mains with protective earth.

WARNING! Equipment shall be positioned so appliance inlet is easily accessible. Modification of this equipment is prohibited without the authorization of the manufacturer.

SEPERATION: Primary to secondary creepage distance is 8mm minimum, clearance 5mm minimum (2MOPP). Primary to ground creepage distance is 4mm minimum, clearance 2.5mm minimum (1MOPP, 1MOOP- Singles). Secondary to ground creepage is 2.3mm minimum, clearance is 1.4mm minimum (Operational Insulation).

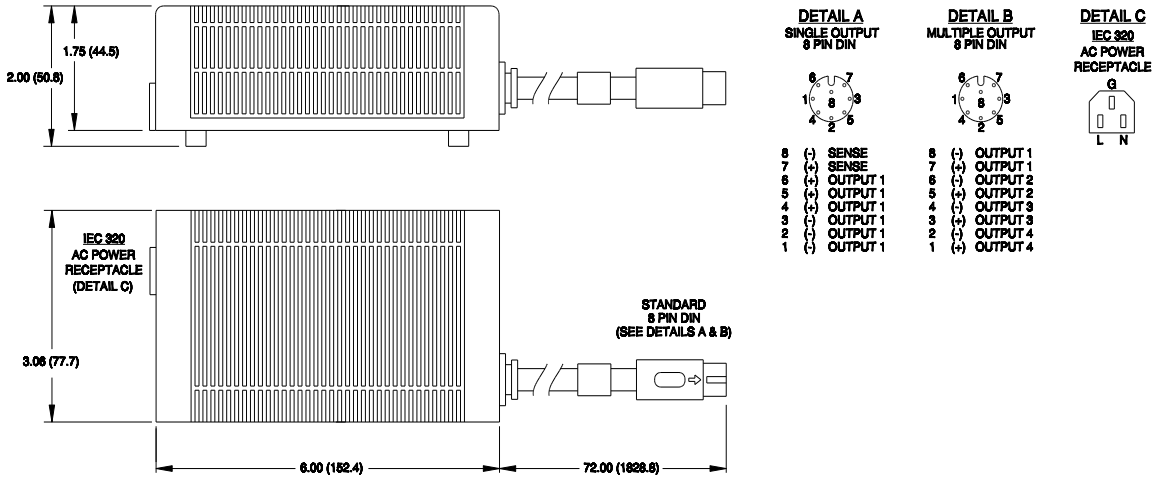
OUTPUTS: The outputs are not acceptable for patient connection without additional isolation. All outputs are SELV under normal and single fault conditions unless otherwise indicated.

TEMPERATURES: The maximum operating temperatures of safety components as defined in the applicable safety standards must not be exceeded after installation in the end use equipment. Output power, ambient air temperature and convection or forced air cooling availability should be considered in the end use equipment.

HIPOT: In consideration of IEC 60601-1:2005 Clause 8.8.3, care must be taken to insure the voltage applied to a reinforced insulation does not overstress different types and levels of insulation. Breakdown of basic insulation and catastrophic failure of the power supply may result if a test voltage of greater than 1800 VAC is applied between primary and secondary circuits. Each isolating component is factory tested at 4000 VAC minimum prior to installation.

EMISSIONS: This product was tested for compliance with EN 55022 and EN 55011 conducted and radiated emissions using non-inductive load resistors to simulate operation in a typical installation.

CONNECTIONS / DIMENSIONS:



CONNECTORS: AC Input: IEC 320 AC Power Receptacle
DC Output: 8-Pin connector mates with Power Dynamics 8-Pin DIN Socket #DS-048.

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