

ALL PSU DATA SHEET.

60 Watt Miniature RPS Open Frame Series (Single Output Models).

Industrial & Medical Approvals

- * Universal AC Input / Full Range
- * Low Leakage Current <200uA
- * Protections: Short Circuit / Over Load / Over Voltage
- * Cooling By Free Air Convection
- * UL60601-1/EN60601-1 Medical Safety Approved
- * Full Industrial Approvals UL / CUL / TUV / CB / CE
- * Fixed Switch Frequency at 100KHz
- * 2 Years Warranty



Size: 101.6 x 50.8 x 29mm

Dual & Triple Output Versions From This Range Are Also Available, Please Enquire.

Specification.

Universal AC Input	90~264 VAC, 47~63Hz / 127~370VDC
Output Voltage	See Table Below, Plus Adjustment Range.
Over Load Protection	115~150% Rated Output Power, Hiccup Mode Automatic Recovery When Fault Is Removed
Over Voltage Protection	Dependant On Rated Output Voltage
Set Up, Rise, Time	500ms, 30ms/230 VAC, 500ms, 30ms/115VAC
Hold Up Time	50ms/230 VAC, 14ms/115 VAC At Full Load
Withstand Voltage AC	I/P-O/P : 4KV, I/P-FG : 1.5KV, O/P-FG : 1.5KV
Operating Temperature	-20 ~ +70°C, Refer to Derating Curve above 50°C
Storage Temperature	-40 ~ +85°C
Safety Standard	UL60601-1, TUV EN60601-1
EMC Standard	EN55011(CISPR11) EN55022 Class B (CIPR22), EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, ENV50204, EN55024, EN60601-1-2, EN61204-3 Medical Level Criteria A.
Mechanical	Size 101.6 x 50.8 x 28mm
Connections, Input & Output	Plug In 3.96 pitch JST VH Type

Optional Safety Covers & Connector Kits Are Also Available If Required.

Model	Output Voltage	Output Current	Ripple/Noise	Efficiency
RPS-60-3.3	3.3 Volts	0~11 Amps	80mV	74%
RPS-60-5	5 Volts	0~11 Amps	80mV	78%
RPS-60-12	12 Volts	0~5.5 Amps	120mV	81%
RPS-60-15	15 Volts	0~4.4 Amps	150mV	83%
RPS-60-24	24 Volts	0~2.75 Amps	240mV	85%
RPS-60-48	48 Volts	0~1.375 Amps	300mV	86%

Special, Dual & Triple Output Versions Are Also Available.

For full specification, mechanical and connection details please contact ALL PSU sales office.
Specifications can change without notice, E&OE. ALL PSU Terms & Conditions Apply.

Other Open Frame Power Supplies Are Also Available From 5 to 200 Watts.
Please visit us at www.allpsu.co.uk for our full product range.

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