

Plug Style Power Supply



Features:

- Energy star level V.
- CEC 2008 and EISA 2007 compliant.
- Output voltages from 5 to 24V dc.
- Compact dimensions.
- UK & EU plug versions.
- International safety approvals.

Specifications:

Input:

Input voltage	: 90-264V ac.
Input frequency	: 47-63 Hz.
Maximum inrush current	: 40/80A at 115/230V ac.
Earth leakage current	: 0.2mA typical at 240V ac, full load.
Harmonic currents	: Meets EN61000-3-2, class A.
No load inputs power	: <0.3 W.

Output:

Output voltage	: See table.
Output current	: See table.
Minimum load	: No minimum load requirement.
Minimum hold up time	: 5ms.
Maximum line regulation	: 1%.
Maximum load regulation	: 5%.
Maximum ripple and noise	: 1% pk-pk, 20MHz BW.
Short circuit protection	: Continuous.

General:

Efficiency	: 76% typical.
Isolation	: 3000V ac input to output.

Environmental:

Operating temperature	: 0°C to +40°C, no derating.
Storage temperature	: -40°C to +85°C.

EMC and Safety:

Emissions	: EN55022, Level B conducted and radiated.
Harmonic currents	: EN61000-3-2 Class A.
Voltage flicker	: EN61000-3-3.
ESD immunity	: EN61000-4-2.
Radiated immunity	: EN61000-4-3.
EFT/Burst	: EN61000-4-4.
Surge	: EN61000-4-5.
Conducted immunity	: EN61000-4-6.
Magnetic field	: EN61000-4-8.
Dips and interruptions	: EN61000-4-11.
Safety approvals	: EN60950-1:2001, CE mark.

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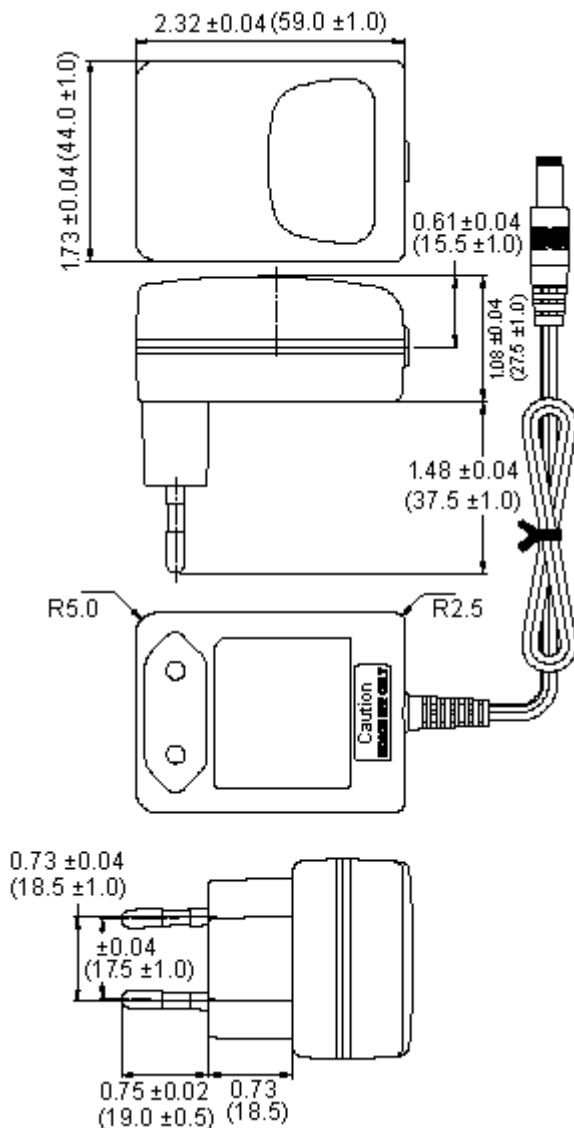


Models and Ratings

Maximum Output Power	Output Voltage Range	Output Current Range	Total Regulation	Model Number ⁽¹⁾
8W	5V dc	1.60A	5%	MCPLG5V10WUK
	6V dc	1.33A		MCPLG6V10WUK
	7V dc	1.14A		MCPLG7V10WUK
10W	9V dc	1.11A		MCPLG9V10WUK
	12V dc	0.83A	MCPLG12V10WUK	
	24V dc	0.41A	MCPLG24V10WUK	
			3%	

Mechanical Details

EU Plug



Dimensions : Millimetres (Inches)

Plug Style Power Supply



Part Number Table

Description	Part Number
Plug Style Power Supply, 10W, UK	MCPLG5V10WUK
	MCPLG6V10WUK
	MCPLG7V10WUK
	MCPLG9V10WUK
	MCPLG12V10WUK
	MCPLG24V10WUK
Plug Style Power Supply, 10W, EU	MCPLG5V10WEU
	MCPLG6V10WEU
	MCPLG7V10WEU
	MCPLG9V10WEU
	MCPLG12V10WEU
	MCPLG24V10WEU

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