

Plug Power Supply

MCPLG Series



Features:

- Energy efficiency level V
- CEC 2008 and EISA 2007 compliant
- Output voltages from 5 to 24V DC
- No load input power < 0.3 W
- Compact dimensions
- UK and EU plug versions

Specifications:

Input

Input Voltage	: 90 to 264V AC
Input Frequency	: 47 to 63Hz
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

Output

Minimum Load	: No minimum load requirement
Hold Up Time	: 5ms Min.
Total Regulation	: 5% Max.
Maximum Ripple and Noise	: 1% pk-pk, 20MHz BW
Short Circuit Protection	: Trip and restart (hiccup mode)

General

Efficiency	: 76% Typ.
Isolation	: 3,000V AC input to output
Energy Efficiency	: Level V

Environmental

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

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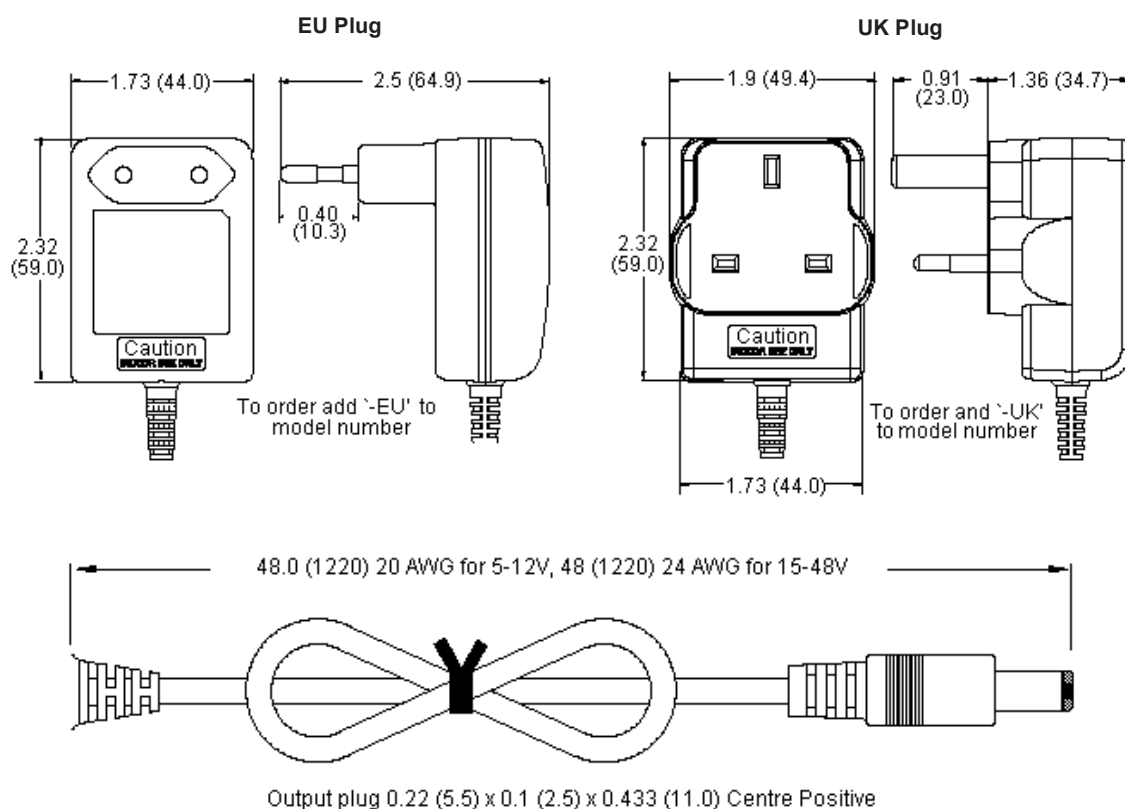
Models and Ratings:

Part Number		Maximum Output Power	Output Voltage (V DC)	Output Current (A)
UK	EU			
MCPLG5V10WUK	MCPLG5V10WEU	8W	5	1.6
MCPLG6V10WUK	MCPLG6V10WEU		6	1.33
MCPLG7V10WUK	MCPLG7V10WEU		7.5	1.14
MCPLG9V10WUK	MCPLG9V10WEU	10W	9	1.11
MCPLG12V10WUK	MCPLG12V10WEU		12	0.83
MCPLG24V10WUK	MCPLG24V10WEU		24	0.42

Notes:

All models meet Energy Star Level V.

Mechanical Details:



Notes:

Tolerance : ± 0.04 (± 1), except output cable length is +4, -0 (+100, -0).

Dimensions : Inches (Millimetres)

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Part Number Table

Description	Part Number
Plug Power Supply, 10W, UK, 5V	MCPLG5V10WUK
Plug Power Supply, 10W, UK, 6V	MCPLG6V10WUK
Plug Power Supply, 10W, UK, 7.5V	MCPLG7V10WUK
Plug Power Supply, 10W, UK, 9V	MCPLG9V10WUK
Plug Power Supply, 10W, UK, 12V	MCPLG12V10WUK
Plug Power Supply, 10W, UK, 24V	MCPLG24V10WUK
Plug Power Supply, 10W, EU, 5V	MCPLG5V10WEU
Plug Power Supply, 10W, EU, 6V	MCPLG6V10WEU
Plug Power Supply, 10W, EU, 7.5V	MCPLG7V10WEU
Plug Power Supply, 10W, EU, 9V	MCPLG9V10WEU
Power Supply, Plug-In, 12V, 0.83A, 10W	MCPLG12V10WEU
Plug Power Supply, 10W, EU, 24V	MCPLG24V10WEU

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