

Power Supply MP7**

The **C.A. Designs** power supply module **MP7**** is designed to power a wide range of **C.A.Designs** products. The suffix indicates the type of mains lead / connector supplied.

It is constructed in a small plastic case, with flying lead DC output and mains input is either by direct plug-in or by IEC connector.

Specification

MAINS INPUT :	
Voltage	• 90 – 264VAC
Frequency	• 47 – 63Hz
Full load current	• 0.3A (230VAC i/p)
Connector	• IEC-320-C14
Max. Inrush Current	• 30A (230VAC i/p)
Safety Ground Leakage Current	• 0.75mA max.
DC OUTPUT :	
Voltage	• 12VDC
Current	• 1.25A
Power	• 15W max.
Start Up Time	• 2 seconds max.
Ripple & Noise	• 60mV p/p typical
ENVIRONMENTAL :	
Operating Temperature	• 0 – 40C
Storage Temperature	• -40 – 70C
Relative Humidity	• 5 – 95%
SAFETY :	
Dielectric withstanding voltage	• 4242V minimum Primary to Secondary • 2121V minimum Primary to Ground
Isolation Resistance	• 50Mohm minimum (500VDC test)
Compliance	• FCC class B • CISPR class B • UL • C-UL • TUV • CE
MECHANICAL:	
Description	• Plastic box, flame retardant • 36mm high x 50mm wide x 100mm deep (approx.)