



## Features:

- Energy star level V
- CEC 2008 and EISA 2007 compliant
- High efficiency
- International safety approvals
- Compact dimensions
- Class I and II versions

## Specifications:

### Input:

Input voltage	: 90 to 264 V ac
Input frequency	: 47 to 63 Hz
Inrush current	: 15 A / 30 A for 115 / 230 V ac, cold start
Earth leakage current	: 0.75 mA at 240 V ac
Harmonic currents	: Meets EN61000-3-2, class A
No load input power	: <0.5 W

### Output:

Output voltage	: See table
Minimum load	: No minimum load required
Total regulation	: See table
Maximum ripple and noise	: 1% pk-pk, 20 MHz bandwidth
Short circuit protection	: Trip and restart (hiccup mode), auto recovery
Transient response	: 2% deviation, recovery to within 1% of nominal in 500 $\mu$ s for 50% load change

### General:

Efficiency	: 87% typical, energy star level V compliant
Isolation	: 3,000 V ac input to output
	: 1,500 V ac input to ground*
	: 500 V dc output to ground*
	: *Not C8 version

### Environmental:

Operating temperature	: 0°C to +40°C
Storage temperature	: -40°C to +85°C
Cooling	: Convection cooled
Operating altitude	: 3,000 m

### EMC and Safety:

Emissions	: EN55022 level B conducted and radiated
Harmonic current	: 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

# External Power Supply



## Specifications:

### EMC and Safety:

Magnetic field : EN61000-4-8  
 Dips and interruptions : EN61000-4-11  
 Safety approvals : EN60950-1: UL/cUL60950-1, CE mark

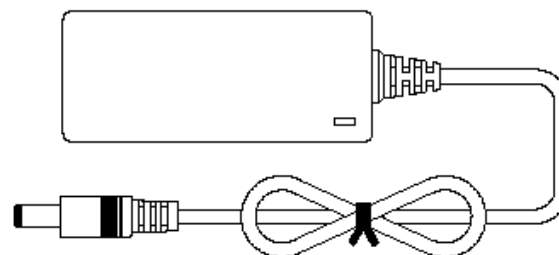
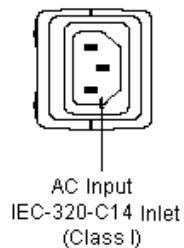
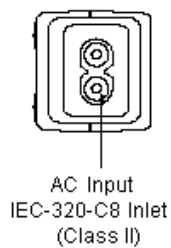
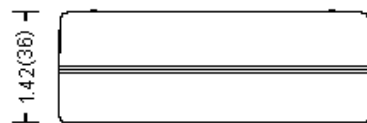
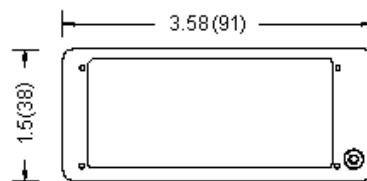
## Models and Ratings

Maximum Output Power	Output Voltage <sup>(3)</sup> (V dc)	Output Current (A)	Total Regulation <sup>(1)</sup>	Model Number <sup>(2)</sup>
12 W	5	2.4	5%	MCEXT5V15WC2
	6	2		MCEXT6V15WC2
	7	1.71		MCEXT7V15WC2
15 W	9	1.66		MCEXT9V15WC2
	12	1.25		MCEXT12V15WC2
	15	1		MCEXT15V15WC2
	18	0.83		MCEXT18V15WC2
	24	0.62		MCEXT24V15WC2

### Notes:

1. Total regulation includes line regulation and load regulation
2. Replace x with 1 for Class I and 2 for Class II e.g. MCEXT24V15WC2 for Class II 24 V model
3. The 24 V DC output model meets Energy Star Level IV, all other models meet Energy Star Level V

## Mechanical Details



Dimensions : Millimetres (Inches)