

Choose *your* AC-DC Converter

	12Vcd	24Vcd	48Vcd	Power	Size
Product Codes for AD Series	AD 115/230-12 036	AD 115/230-24 036	AD 115/230-48 036	36 watts	165 x 87 x 59mm (6.5" x 3.43" x 2.32") 675g (23.8oz)
	AD 115/230-12 072	AD 115/230-24 072	AD 115/230-48 072	72 watts	165 x 87 x 59mm (6.5" x 3.43" x 2.32") 675g (23.8oz)
	AD 115/230-12 108	AD 115/230-24 108	AD 115/230-48 108	108 watts	165 x 87 x 59mm (6.5" x 3.43" x 2.32") 675g (23.8oz)
	AD 115/230-12 168	AD 115/230-24 168	AD 115/230-48 168	168 watts	215 x 87 x 59mm (8.46" x 3.43" x 2.32") 900g (31.7oz)
	AD 115/230-12 240	AD 115/230-24 240	AD 115/230-48 240	240 watts	255 x 87 x 59mm (10" x 3.43" x 2.32") 1150g (40.6oz)
Common Characteristics					
Input voltage range		Auto-Select, 85-135Vac and 170-265Vac, 47-440Hz			
Output voltage options		13.6 Vdc, 27.2Vdc or 54.4Vdc, as ordered. Worst case limits are +/-4%			
Output noise		<50mV pk-pk at continuous load			
Power conversion efficiency		Typically 85%			
Isolation:					
Between input and case/output Casework to ground		1.5kVac/3.0kVac rms Connected directly to mains input ground			
Mean time between failures		>100 Years (HRD4)			
Normal operating temperature		-25°C to +30°C to meet this specification table +30°C to +70°C de-rate linearly to 0A			
Storage temperature		-25°C to +100°C			
Max case temperature		70°C at full load with 25°C ambient			
Operating humidity		95% max, non-condensing			
Casework		Anodized aluminum			
Connections:					
Input		IEC-320 C14 socket, C13 terminated cordset			
Output		6.3 mm push-on blade terminals			
Ground		Stud with crimp eyelet, adjacent to input			
Output indicator		Red LED adjacent to output terminals			
Mounting method		'Click 'n' Fit' mounting clip or rubber feet			
Safe area protection:					
Over current		Limited by current sensing circuit, may be run in parallel			
Over heat		Limited by temperature sensing circuit			
Output over voltage		Protected by independent shut down circuit			
Transients		Protected by filters and rugged component selection			
Catastrophic failure		Protected by internal input and output fuses			
Approvals		89/336/EEC The General EMC Directive 73/23/EEC The Low Voltage Directive 93/68/EEC The CE Marking Directive			
Tested to		EN50081-1, EN50082-1, EN55014-1, EN61000-3-3, EN60950, EN60945 UL1950, CSA950-95, FCC Class "B", VDE0805			
Markings		CE			



AlfaTronix Limited 29 Newtown Business Park, Poole, Dorset BH12 3LL, Great Britain, European Union
 Telephone: +44 (0) 1202 715517. Fax: +44 (0) 1202 715122. E-mail: sales@alfatronix.ltd.uk
 Website: <http://www.alfatronix.ltd.uk>
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