imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





SERIES: ETSA 18W UD | DESCRIPTION: AC-DC POWER SUPPLY



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CUI Inc | SERIES: ETSA 18W UD | DESCRIPTION: AC-DC POWER SUPPLY

INPUT

parameter	conditions/description	min	typ	max	units
voltage		90		264	Vac
frequency		47		63	Hz
current				0.5	А
inrush current	115 Vac, cold start 230 Vac, cold start			40 80	AA
leakage current				0.25	mA
no load power consumption				0.3	W
OUTPUT					
parameter	conditions/description	min	typ	max	units
line regulation	6 V model all other models		±1 ±5		%
load regulation			±5		%
PROTECTIONS					
parameter	conditions/description	min	typ	max	units
over voltage protection	output voltage clamped by internal protection ze	ener			
short circuit protection	output shut down and auto restart				

SAFETY & COMPLIANCE

parameter	conditions/description	min	typ	max	units
isolation voltage	input to output at 10 mA for 1 minute			3,000	Vac
				4,242	Vdc
isolation resistance	input to output at 500 V dc	100			MΩ
safety approvals	UL 60950-1, EN 60950-1/IEC 60950-1, PSE				
EMI/EMC	FCC part 15 class B, CE, CISPR 22, ICES-003, A 61000-3-(2, 3) Class A, EN 55024, IEC 61000-4			8, EN 55022, E	N 55024 EN
RoHS	2011/65/EU				

ENVIRONMENTAL

parameter	conditions/description	min	typ	max	units
operating temperature		0		40	°C
storage temperature		-10		70	°C
operating humidity		20		80	%
storage humidity		10		90	%

CUI Inc | SERIES: ETSA 18W UD | DESCRIPTION: AC-DC POWER SUPPLY

MECHANICAL

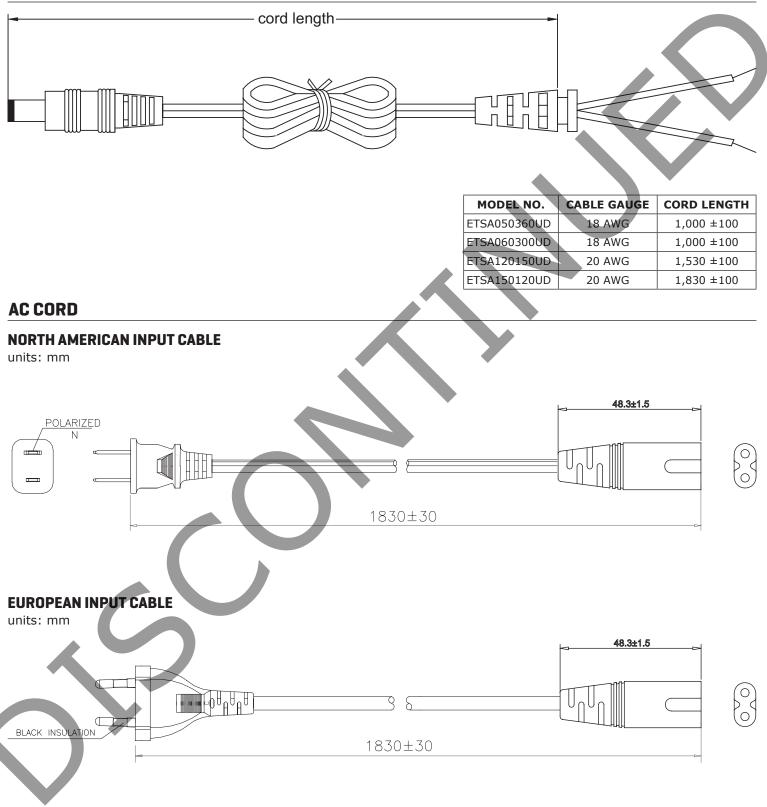
parameter	conditions/description	min	typ	max	units
dimensions	3.173 x 1.969 x 1.220 (80.6 x 50 x 31 mm)				inch
input plug	IEC320 / C8				
weight	15 V model all other models			105 110	g g
				110	y
MECHANICAL DR	AWING				
inits: mm olerance: ±1mm					
			A		
) 31±1				
 50±	:1				
					7
	80.6±1				
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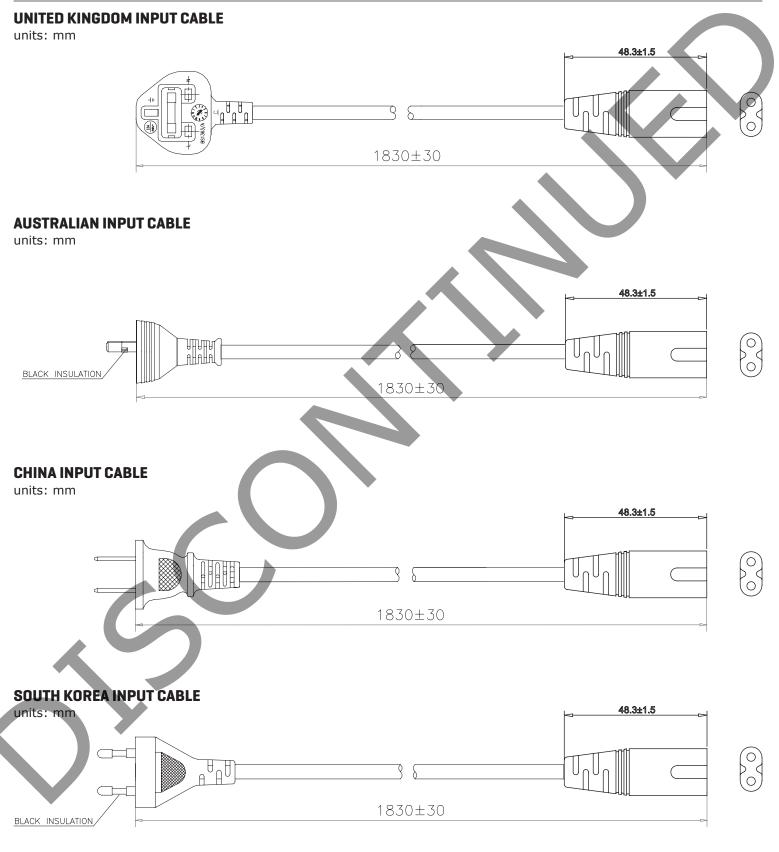
CUI Inc | SERIES: ETSA 18W UD | DESCRIPTION: AC-DC POWER SUPPLY

DC CORD

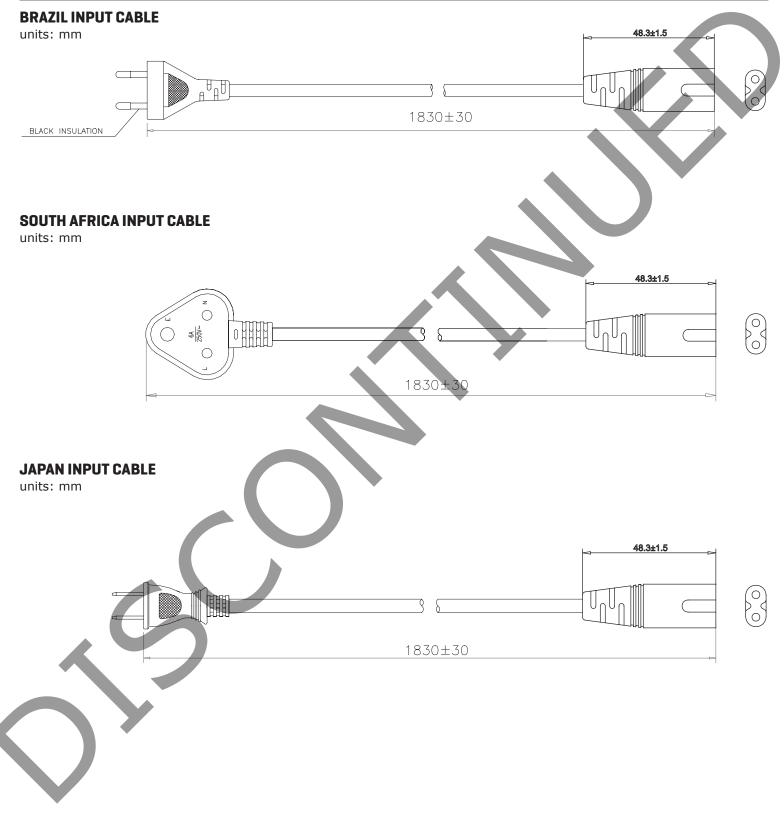


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AC CORD (CONTINUED)

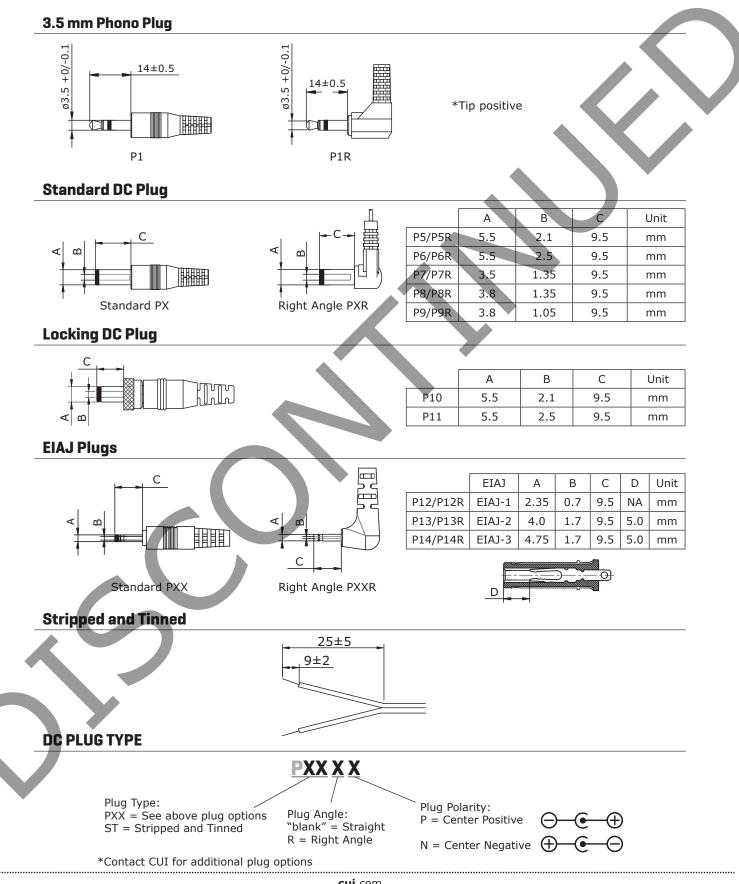


AC CORD (CONTINUED)



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OUTPUT PLUG OPTIONS



cui.com

REVISION HISTORY

rev.	description	date
1.0	initial release	01/25/2010
1.01	new template applied	12/22/2011
1.02	updated P7/P7R B dimension	03/23/2012
1.03	V-Infinity branding removed, safety and EMI/EMC data updated	08/21/2012
1.04	updated series/model numbers	11/20/2012
1.05	added ac cord options	11/17/2014

The revision history provided is for informational purposes only and is believed to be accurate.



Headquarters 20050 SW 112th Ave. Tualatin, OR 97062 800.275.4899

Fax 503.612.2383 cui.com techsupport@cui.com

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.