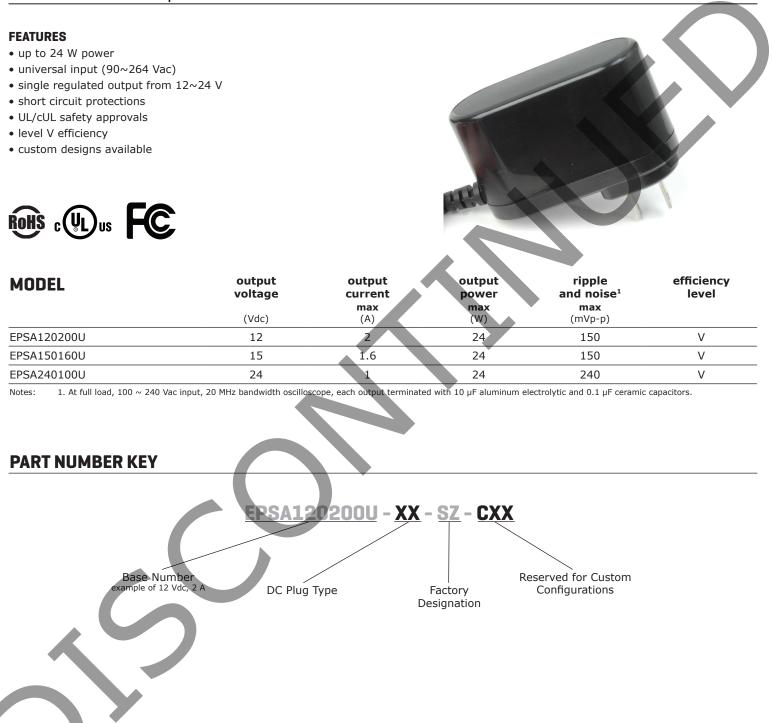


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SERIES: EPSA 24W | DESCRIPTION: AC-DC POWER SUPPLY



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INPUT

parameter	conditions/description	min	typ	max	units
voltage		90		264	Vac
frequency		47		63	Hz
current				0.8	A RMS
inrush current1	at 115 Vac, full load, cold start at 230 Vac, full load, cold start			50 100	A A
leakage current				0.25	mA
no load power consumpt	tion			0.3	W
	lamage at 230 Vac, cool start				
OUTPUT					
parameter	conditions/description	min	typ	max	units
line regulation			±1		%
load regulation			±5		%

PROTECTIONS

parameter	conditions/description					
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 4,242	Vac Vdc
isolation resistance	input to output at 500 Vdc	100			MΩ
safety approvals	UL 60950-1				
EMI/EMC	FCC Class B				
RoHS compliant	yes				
ENVIRONMENTAL					

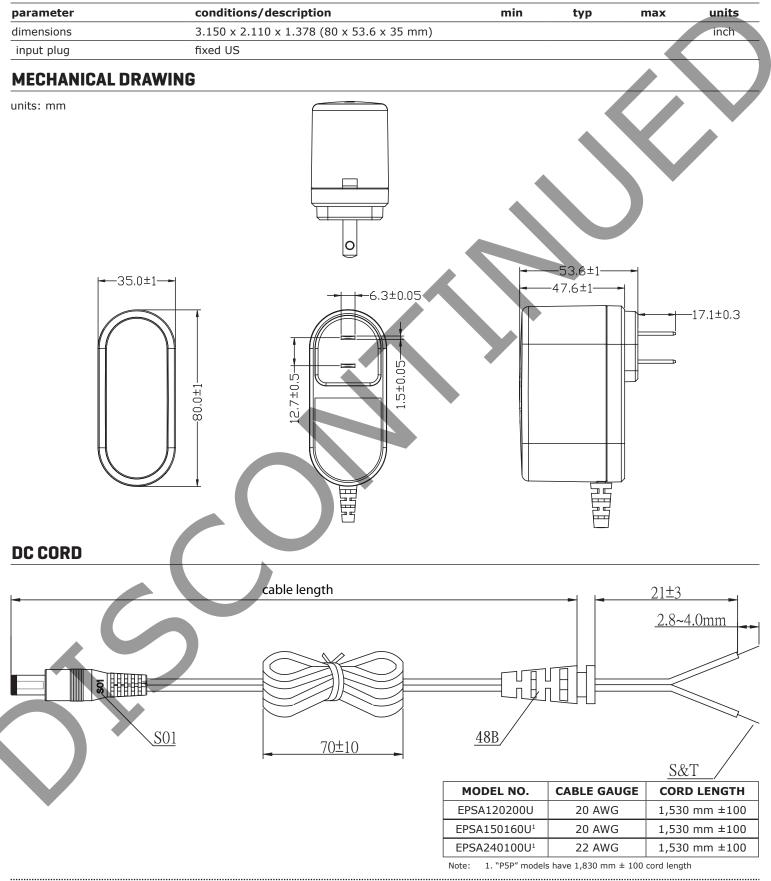
ENVIRONMENTAL

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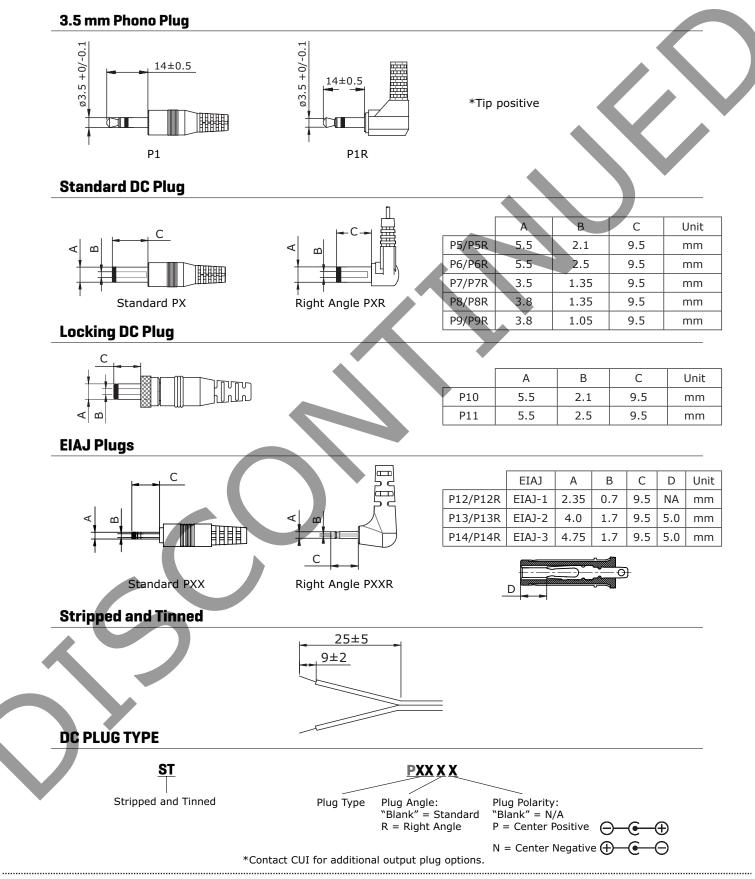
parameter	conditions/description	min	typ	max	units
operating temperature		0		40	°C
storage temperature		-10		70	°C
operating humidity		20		80	%
storage humidity		10		90	%

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MECHANICAL



OUTPUT PLUG OPTIONS



REVISION HISTORY

rev.	description	date
1.0	initial release	02/01/2010
1.01	updated output plug options	06/21/2010
1.02	updated inrush current, protection data, and output plug options	07/06/2011
1.03	new template applied	01/27/2012
1.04	updated P7/P7R B dimension	03/15/2012
1.05	V-Infinity branding removed, EMI/EMC data updated	08/21/2012
1.06	CE data removed	05/15/2013
1.07	updated datasheet	12/10/2014

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.