

SERIES: EPSA 20W | DESCRIPTION: AC-DC POWER SUPPLY



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INPUT

			A		
parameter	conditions/description	min	typ	max	units
voltage		90		264	Vac
frequency		47		63	Hz
current	at full load			0.5	A
inrush current	at 115 Vac, full load, 25°C, cold start			30	A
leakage current				0.25	mA
input fuse	2A/250V				
OUTPUT					
parameter	conditions/description	min	typ	max	units
line regulation			±5		%
load regulation	from +20% to +80% load		±10		%
start-up				2	S
hold-up	at 110 Vac, 50 Hz, 80% max. load	10			ms
PROTECTIONS					
parameter	conditions/description	min	typ	max	units
over voltage protection	output shut down				
over current protection	automatic power decrease, auto recovery			200	%
short circuit protection	output terminal protected				
SAFETY & COMPLIA	NCE				
parameter	conditions/description	min	typ	max	units
isolation voltage	input to output at 10 mA for 2 seconds	3,000			Vac
isolation resistance	input to output at 500 Vdc	10			MΩ
safety approvals	UL/cUL, LPS				

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EMI/EMC	FCC Part 15B Class B		
MTBF	as per Telcordia SR-332, Issue 2 at full load, 25°C	300,000	hrs

RoHS compliant

ENVIRONMENTAL

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parameter conditions/desc	ription min	typ max	k units
operating temperature	0	40	°C
storage temperature	-25	85	°C
operating humidity	10	95	%
storage humidity	10	95	%

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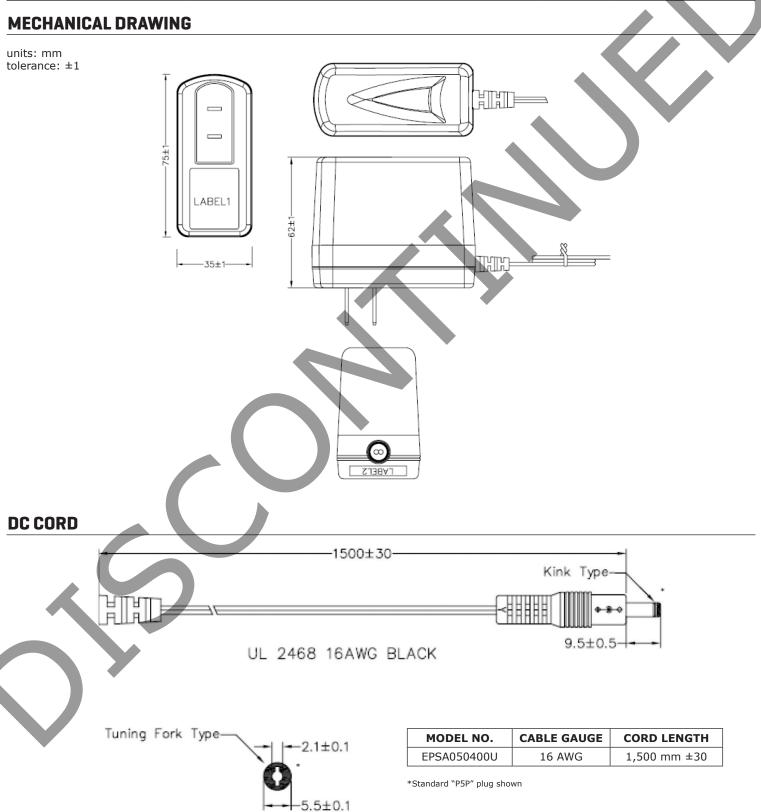
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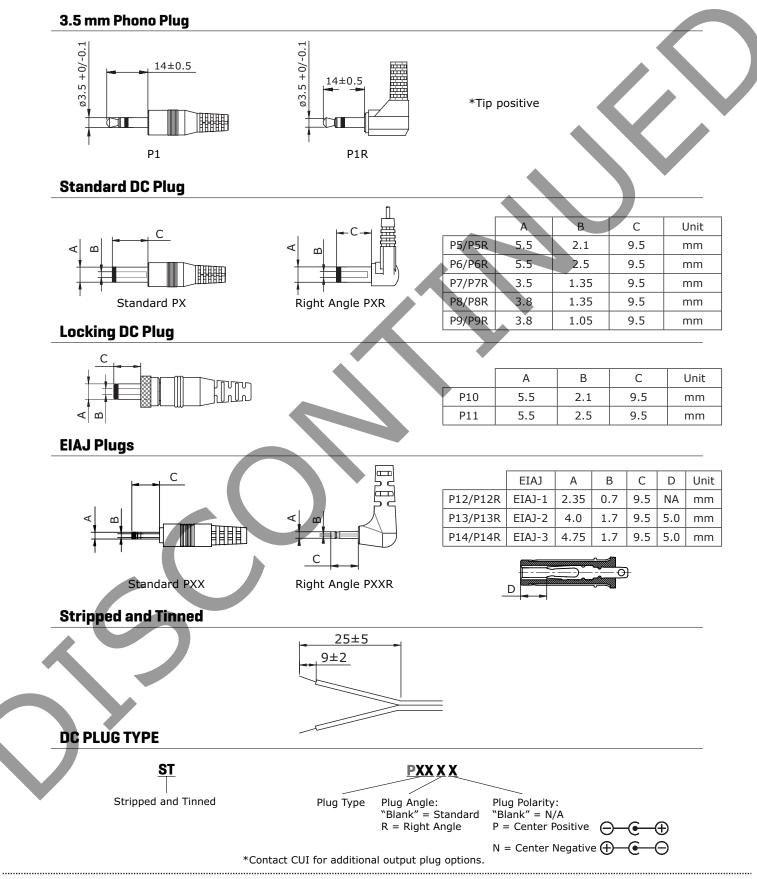
MECHANICAL

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parameter	conditions/description	min	typ	max	units
dimensions	75 x 35 x 62				mm
input plug	fixed US				



OUTPUT PLUG OPTIONS



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REVISION HISTORY

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rev.		description		date
1.0		initial release		06/14/2013
	The revision history prov	vided is for informational purpos	ses only and is believed to be ac	curate.
C	2			

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.