PART SPECIFICATION FOR APPROVAL

CUSTOMER	**Aruba Networks**
MODEL	**ETSA120300U-P13P-SZ-C1**
DESCRIPTION	**switching power supply**
DATE	**09/13/2012**
# OF PAGES	**6**

rev.	description	date
1.0	initial release	06/21/2012
1.01	added extended temperature data, updated label	07/09/2012
1.02	added labels to packaging	07/25/2012
1.03	updated barcode label	08/13/2012
1.04	updated packaging dimensions	09/05/2012
1.05	updated packaging labels	09/13/2012

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

Please sign below.

approved by _____
(please print)

signature _____

date _____

Specification sign-off verifies that you have reviewed the entire specification and tested this product and that it meets your requirements. This specification reflects the part as it is to be ordered. Orders will not be processed until the specification approval page has been signed and returned to CUI Inc. This specification is confidential and is not to be distributed without prior approval from CUI Inc.

MODEL	output voltage typ (Vdc)	output current max (A)	output power max (W)	ripple and noise[1] max (mVp-p)	efficiency level
ETSA120300U-P13P-SZ-C1	12	3	36	200	V

Notes: 1. At full load, 100 ~ 240 Vac input, 20 MHz bandwidth oscilloscope, each output terminated with 47 µF aluminum electrolytic and 0.1 µF ceramic capacitors.

INPUT

parameter	conditions/description	min	typ	max	units
voltage		90		264	Vac
frequency		47		63	Hz
input current				1.0	A
no load power consumption				0.3	W

OUTPUT

parameter	conditions/description	min	typ	max	units
line regulation			±1		%
load regulation			±5		%

PROTECTIONS

parameter	conditions/description	min	typ	max	units
over voltage protection	protected through primary circuit IC				
short circuit protection	output shut down and auto restart				

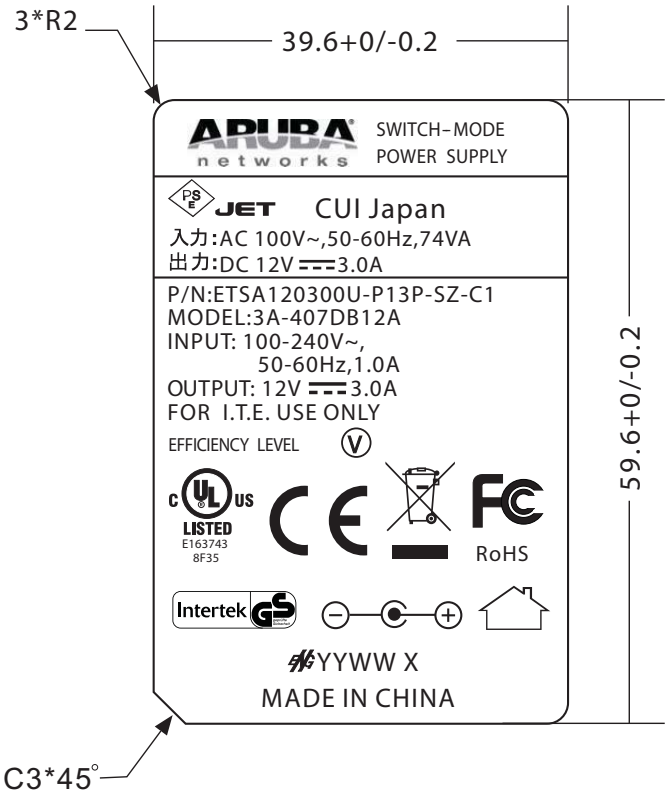
SAFETY & COMPLIANCE

parameter	conditions/description	min	typ	max	units
isolation voltage	at 10 mA for 1 minute			1,500	Vac
insulation resistance	input to output at 500 Vdc	100			MΩ
safety approvals	UL 60950-1, CSA C22.2 No 60950-1-07, EN 60950-1, EN 61204-3, PSE				
EMI/EMC	FCC Part 15 Subpart B Class B, EN 55022, EN 55024				
leakage current				3.5	mA
RoHS compliant	yes				

ENVIRONMENTAL

parameter	conditions/description	min	typ	max	units
operating temperature	unit will operate at 50°C at 1.5A load and is plenum approved (UL94V-0)	0		40	°C
storage temperature		-10		70	°C
operating humidity		20		80	%
storage humidity		10		90	%

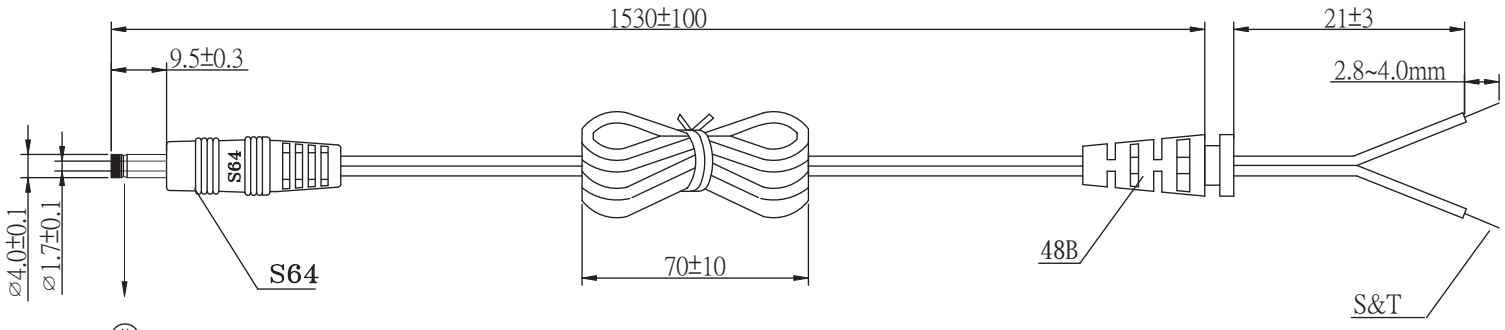
LABEL



material: metalized polyester
color: silver on black base

remarks: YYWW X
YY=production year
WW=production week
X=production location

DC CORD



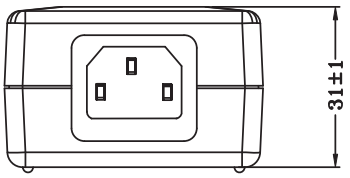
Tuning fork cannelure entire insulation type

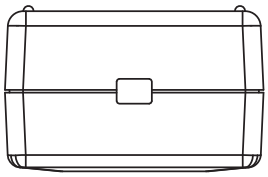
#18AWGX2C UL2468 HAVE ON WORD WIRE IN OUTER, NO WORD WIRE IN INNER

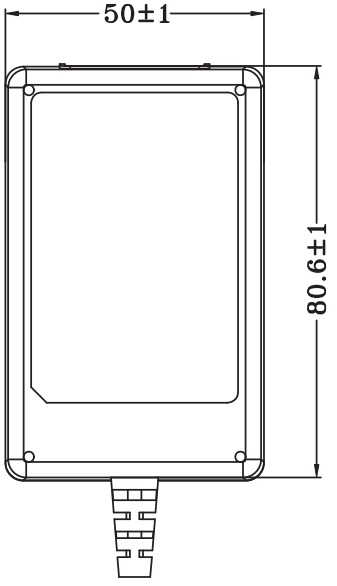
OD: ⌀2.2*4.4

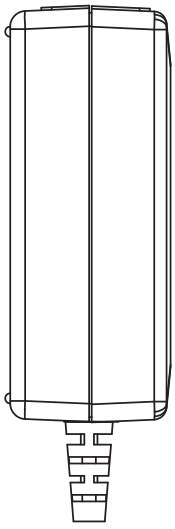
MECHANICAL DRAWING

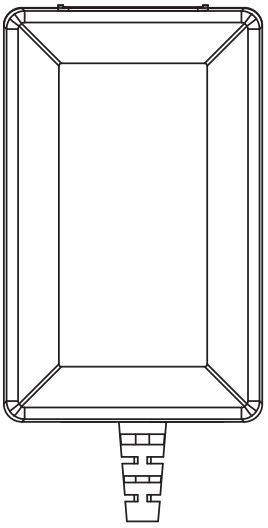
input plug	IEC320 / C14
weight	156 g
case size	80.6 L x 50 W x 31 H mm tolerance: ±1 mm





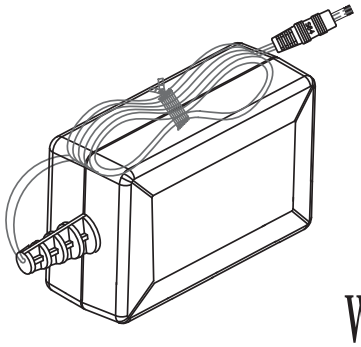






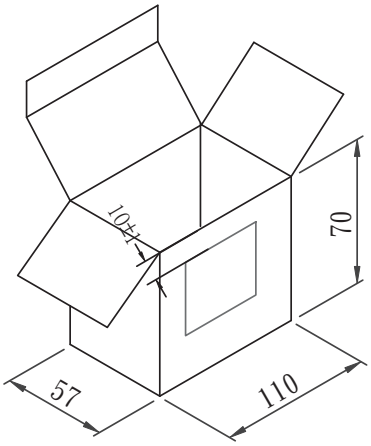
IND PACKAGING

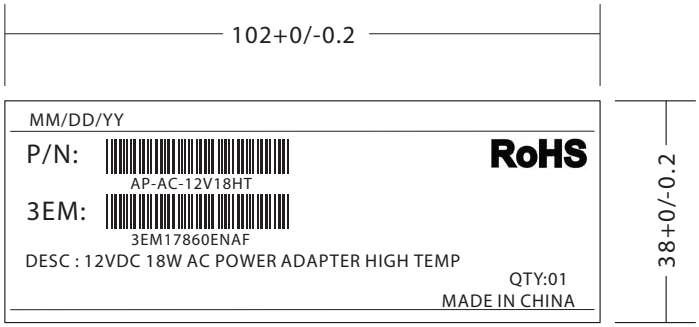
tolerance	±1 mm



Product

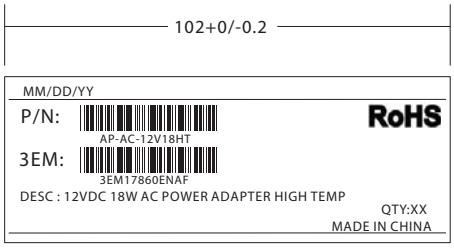
WHITE BOX:06#



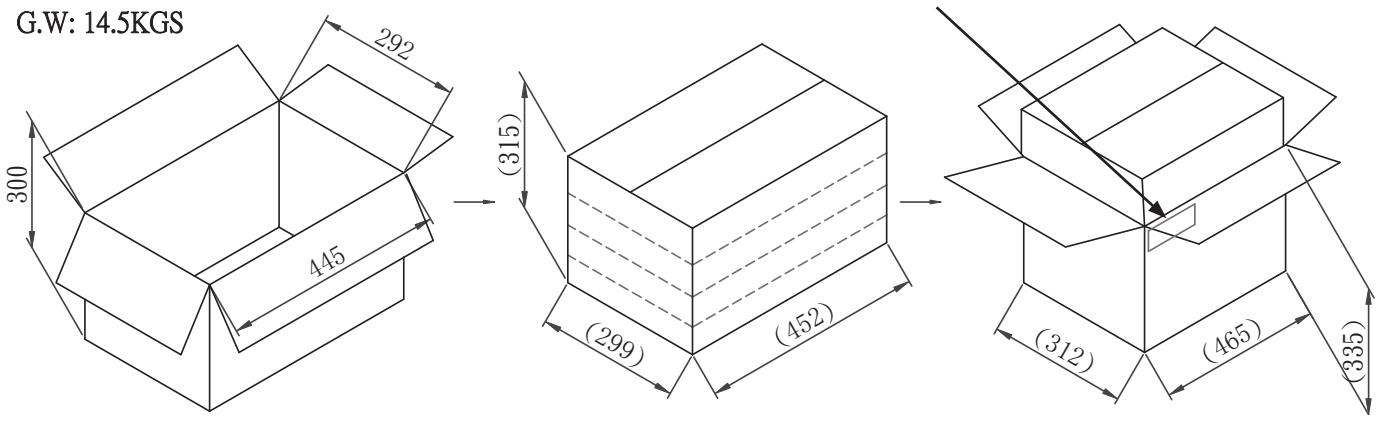


PACKAGING

EXTERNAL CARTON MATERIAL:A=B(6mm)
INTERNAL CARTON MATERIAL:B33(3mm)
CARTON INTERNAL SIZE:445*292*300mm
Q'TY: 80PCS(20*4*1)
N.W: 12.5KGS
G.W: 14.0KGS
G.W: 14.5KGS



tolerance	+7/-0 mm



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