

DATE: 2011/4/26 (YY/MM/DD)

Customer :

APPROVAL SHEET

RoHS Compliant

PRODUCT: AC ADAPTOR

MODEL: PSK315-24

PART NO. SW3092 UKR006-15A

V : 110426

V1

Receiver's stamp or signature

PLEASE APPROVE & RETURN BEFORE 2011/5/10
OR WE WOULD REGARD IT BEEN CONFIRMED.

RESPONSIBLE	APPROVED	ISSUED
PENG	JIA LI	SHAN

Revised History

NO.	Revised Date	Description	Approved	Issued
1	2011.04.26	CHANGE PACKING AND LABEL ON THE BASIS UKR006-15 101105	JIA LI	SHAN

PowerPax UK

www.powerpax.co.uk

COMMENTS :

1.INPUT SPECIFICATION

2.OUTPUT SPECIFICATION

3.MECHANICAL

4.RELIABILITY

5.ENVIRONMENT

6.OUTLOOKING

7.SAFETY

8.QC CHECK

9.DIMENSION

10.PACKING

11.LABEL

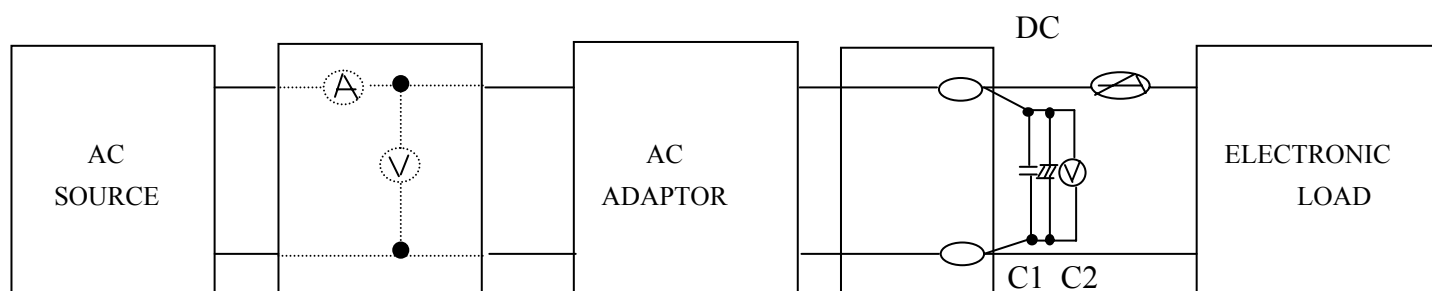
1.INPUT SPECIFICATION

ITEM	SPECIFICATION	MIN	TYPICAL	MAX
AC INPUT VOLTAGE	SINGLE PHASE	100Vac		240Vac
AC INPUT VOLTAGE RANGE	SINGLE PHASE	90Vac		264Vac
AC INPUT FREQUENCY	SINGLE PHASE	47Hz	50/60Hz	63Hz
AC INPUT CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD.		400mA	480mA
AC INRUSH CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD , 25℃.		20A	30A
CEC EFFICIENCY	THE ADAPTOR SHALL ACCORD WITH THE REQUEST OF CEC LEVEL V	79.40%		
STAND BY CONSUMPTION	THE ADAPTOR SHALL ACCORD WITH THE REQUEST OF CEC LEVEL V			0.3W
LEAKAGE CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD.			0.25mA

2.OUTPUT SPECIFICATION

ITEM	SPECIFICATION	MIN	TYPICAL	MAX
NOMINAL DC OUTPUT VOLTAGE			24Vdc	
DC OUTPUT VOLTAGE RANGE	TYPICAL OUTPUT VOLTAGE $\pm 5\%$	22.8V		25.2V
LOAD CURRENT		0.0A		0.65A
RIPPLE	TYPICAL INPUT VOLTAGE , TYPICAL LOAD CURRENT , 25℃			240mV
NOISE	TYPICAL INPUT VOLTAGE , TYPICAL LOAD CURRENT , 25℃			480mV
HOLD-UP TIME	AT TYPICAL INPUT VOLTAGE AND FULL LOAD	10mS		
TURN-ON DELAY	TYPICAL INPUT VOLTAGE AND TYPICAL LOAD CURRENT			2S
OVER CURRENT PROTECTION	AUTO RECOVERY			
SHORT CIRCUIT PROTECTION	THE ADAPTOR SHALL NOT DAMAGE BY SHORT TO THE DC OUTPUT GROUND			
OVER VOLTAGE PROTECTION				33.5V

*TEST MEASURES

C1: 0.1 μ F CERAMICS CAPACITORC2: 10 μ 50V ALUMINUM CAPACITOR

The bandwidth of Oscilloscope is set with 20]

3.MECHANICAL

ITEM	SPECIFICATION OR TEST CONDITION	ACCEPTANCE CRITERIA
BENDING TEST	NORMAL TEMPERATURE THE CORD SHALL WITHSTAND WEIGHT OF 4.9N,IT SWINGS FROM LEFT TO RIGHT AT AN ANGLE 60 DEG. 1000CYCLE TIMES MINUTES. S/R SHALL WITHSTAND WEIGHT OF 1.0N. IT SWING FROM LEFT TO RIGHT AT AN ANGLE 60DEG. 1000CYCLE TIMES MINUTES. BENDING SPEED 40CYCLE/MIN.	NO SHORT CIRCUIT NO BREAKAGE OF THE CORD
VIBRATION	DURATION: 30 MINUTES AMPLITUDE: 0.35mm FREQUENCY RANGE: 10 Hz...55 Hz...10 Hz SWEEP RANGE: APPROXIMATELY 1 OCTAVE / MIN	THERE SHALL BE NO ABNORMALITY ON THE APPEARANCE STRUCTURE AND OPERATING

4.RELIABILITY

ITEM	TEST CONDITION	ACCEPTANCE CRITERIA
TEMPERATURE UP WITH FULL LOAD	TEST AT SURFACE OF THE CASE WITH TYPICAL AC INPUT AND FULL LOAD IN OUTPUT 50/60Hz	TEMPERATURE RISEN MEET SAFETY APPROVALED AT THE SURFACE OF CASE
HI-POT TEST	BETWEEN INPUT & OUTPUT 3000Vac 3 SECONDS 10mA	NO DAMAGE
INSULATION RESISTANCE	INPUT TO OUTPUT ,DC 500V	>100MΩ
BURN-IN TEST	AT 30°C (±10°C),TYPICAL INPUT VOLTAGE	2~4 HOURS
IEC61000-4-2 ESD TEST LEVEL2	AIR DISCHARGE ±8KV CONTACT DISCHARGE ±4KV	NO DAMAGE 1 ROUND/SEC ABOVE
IEC61000-4-5 SURGE WITHSTAND	±1KV	NO DAMAGE

5.ENVIRONMENT

ITEM	SPECIFICATION OR TEST CONDITION	MIN	TYPICAL	MAX
OPERATING TEMPERATURE		0°C		40°C
STORAGE TEMPERATURE		-20°C		85°C
OPERATING HUMIDITY	NON-CONDENSING	5%RH		95%RH
STORAGE HUMIDITY	NON-CONDENSING	5%RH		95%RH

6.OUTLOOKING

DIMENSION :64.5(L)×50.2(W)×29.8(H)mm typ
 WEIGHT :ABOUT 130g
 AC INPUT TYPE :WALL MOUNT
 DC OUTPUT TYPE :12*5.5*2.1



DC OUTPUT CABLE :USE UL 2468 22AWG WIRE
 INDICATION :LABEL
 FLAMMABILITY OF POWER SUPPLY ADAPTER ENCLOSURE IS 94V0
 FLAMMABILITY OF PWB IS 94V0

7.SAFETY

COMPLY SAFETY STANDARDS	STANDARD
	CE

EMI
MEET VCCI class B , FCC class B , CISPR 22 class B

8.QC CHECK

ALL OF THE QUANTITY SHALL BE CHECKED BEFORE SHIPMENT,CHECK ITEM AS BELOW:

- (1)DC PLUG POLE CHECK
- (2)OCP FUNCTION CHECK
- (3)DC OUTPUT VOLTAGE CHECK
- (4)HI-POT&INSULATION CHECK
- (5)OUTLOOKING CHECK

STANDARD OF RoHS

NO.	chemical substances group
1	Cadmium
2	Chromium(VI)
3	Lead
4	Mercury
5	Polybrominated biphenyls (PBBs)
6	Polybrominated diphenyl ethers(PBDEs)

FOR ENVIRONMENTAL IMPACT SUBSTANCES CONTAINED IN PARTS. COMPLY WITH "RoHS"

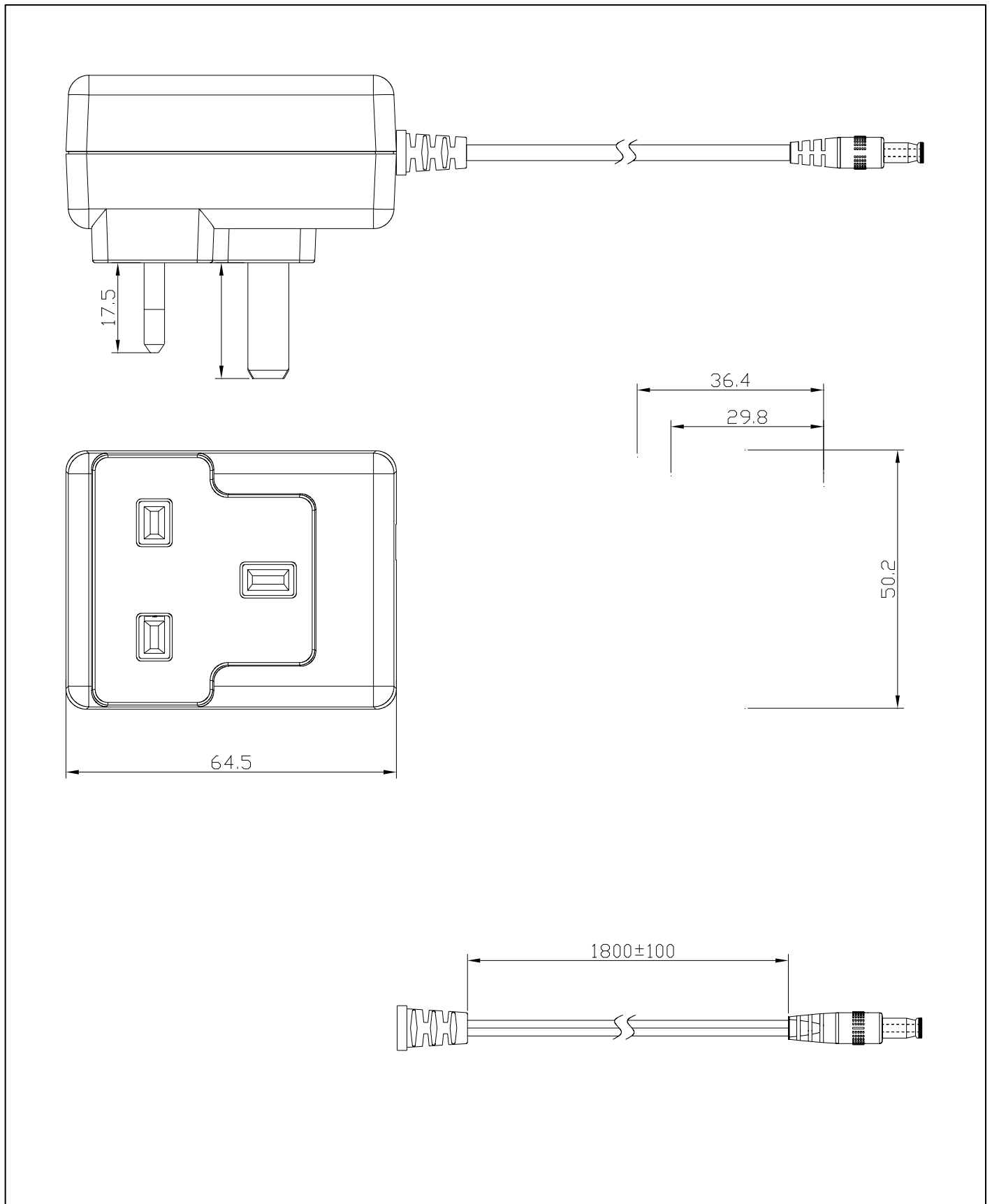
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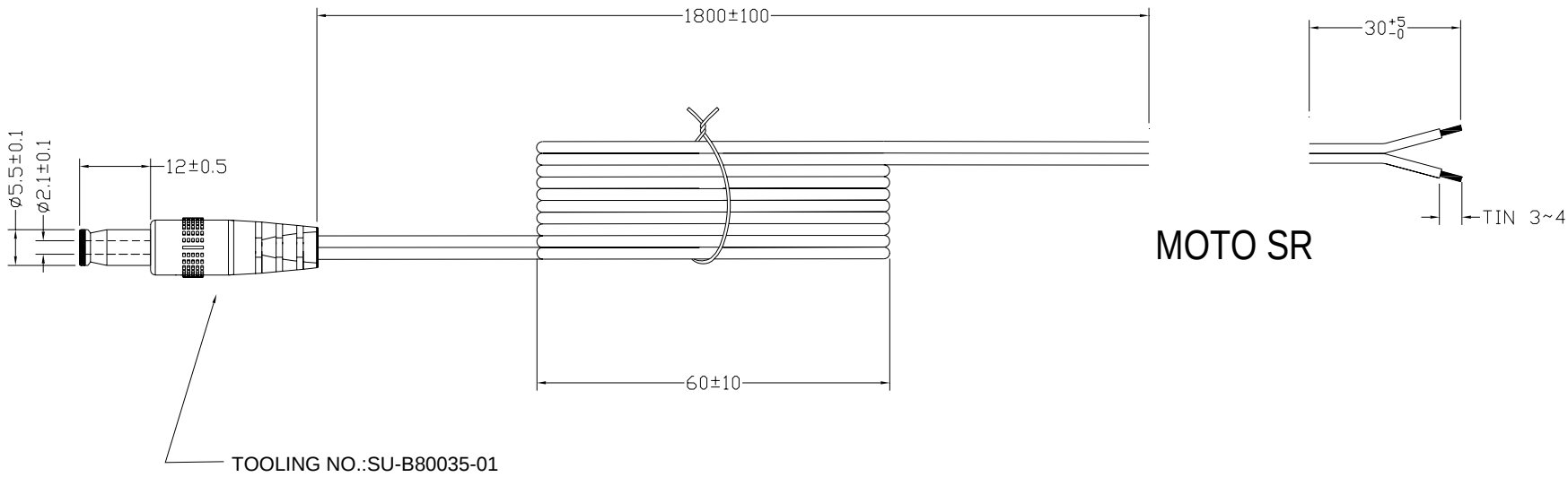
EMISSION			
STANDARD	TEST TYPE	RESULT	REMARKS
EN 55022 : 1998+A1:2000+A2:2003	CONDUCTED TEST	MEET	MEETS CLASS B LIMIT
	RADIATED TEST	MEET	MEETS CLASS B LIMIT
EN61000-3-2: 2000,CLASS D	HARMONIC CURRENT EMISSIONS	MEET	MEETS CLASS D LIMIT
EN61000-3-3: 1995+A1:2001	VOLTAGE FLUCTUATIONS & FLICKER	MEET	MEET THE REQUIREMENTS.

IMMUNITY(EN 55024:1998+A1:2001+A2:2003)			
STANDARD	TEST TYPE	RESULT	REMARKS
EN 61000-4-2: 1995+A1:1998+A2:2001	ELECTROSTATIC DISCHARGE IMMUNITY TEST	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-3:2002	RADIATED,RADIO- FREQUENCY, ELECTROMAGNETIC FIELD IMMUNITY TEST	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-4:2004	ELECTRICAL FAST TRANSIENT / BURST IMMUNITY TEST.	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-5: 1995+A1:2000	SURGE IMMUNITY TEST	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-6:2001	IMMUNITY TO CONDUCTED DISTURBANCES, INDUCED BY RADIO- FREQUENCY FIELDS	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-11:2001	VOLTAGE DIPS,SHORT INTERRUPTIONS AND VOLTAGE VARIATIONS IMMUNITY TESTS	MEET	MEETS THE REQUIREMENTS OF VOLTAGE DIPS: 1.>95% 0.5 CYCLE REDUCTION- PERFORMANCE CRITERION A 2. 30% 25 CYCLE REDUCTION- PERFORMANCE CRITERION A VOLTAGE INTERRUPTIONS: 1.>95% 250 CYCLE REDUCTION- PERFORMANCE CRITERION B

9.DIMENSION

CASE TOLERANCE: $\pm 0.5\text{mm}$

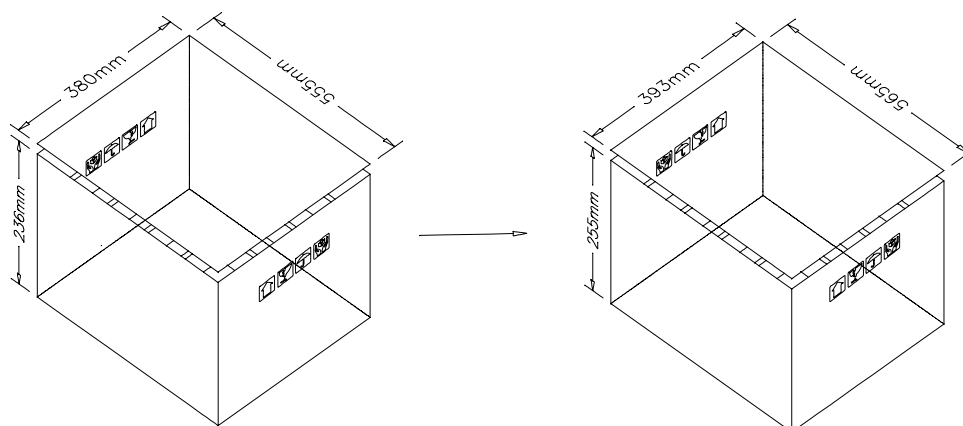
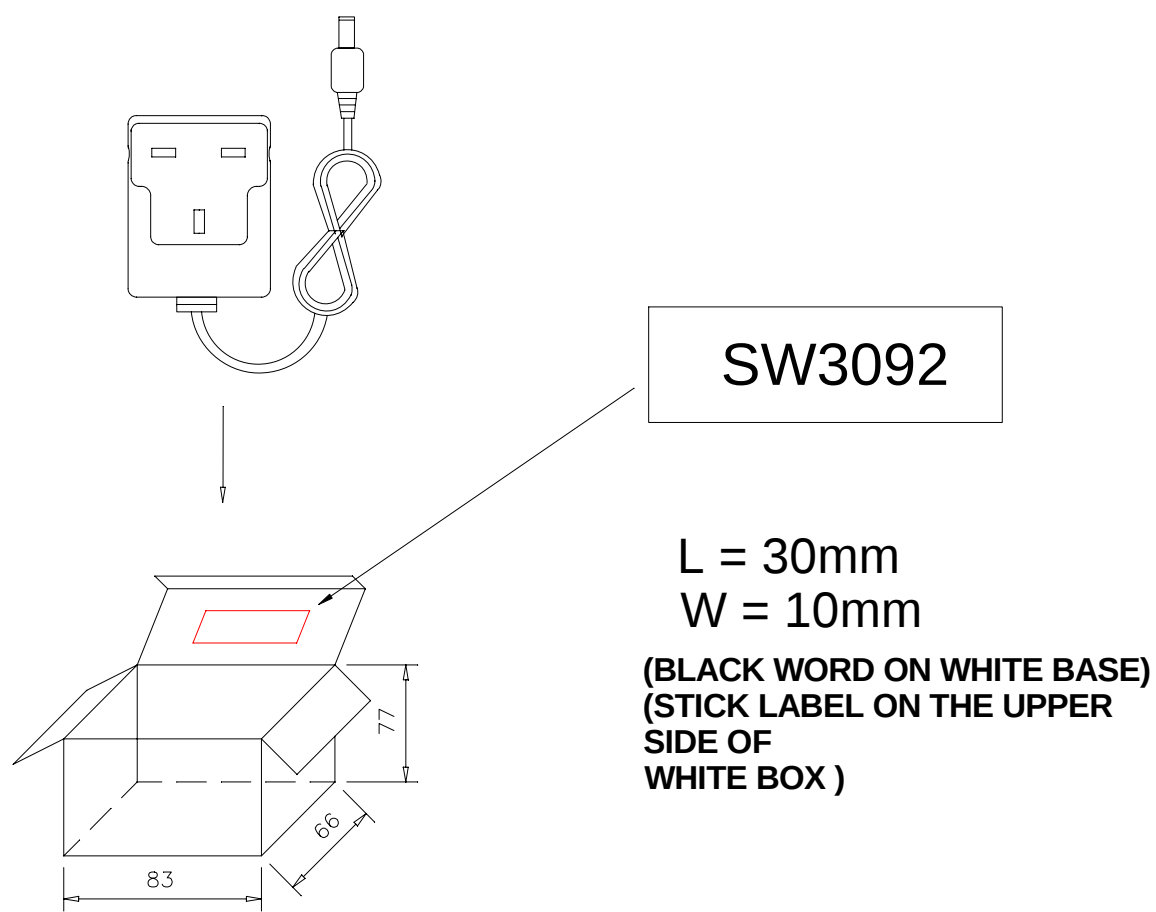




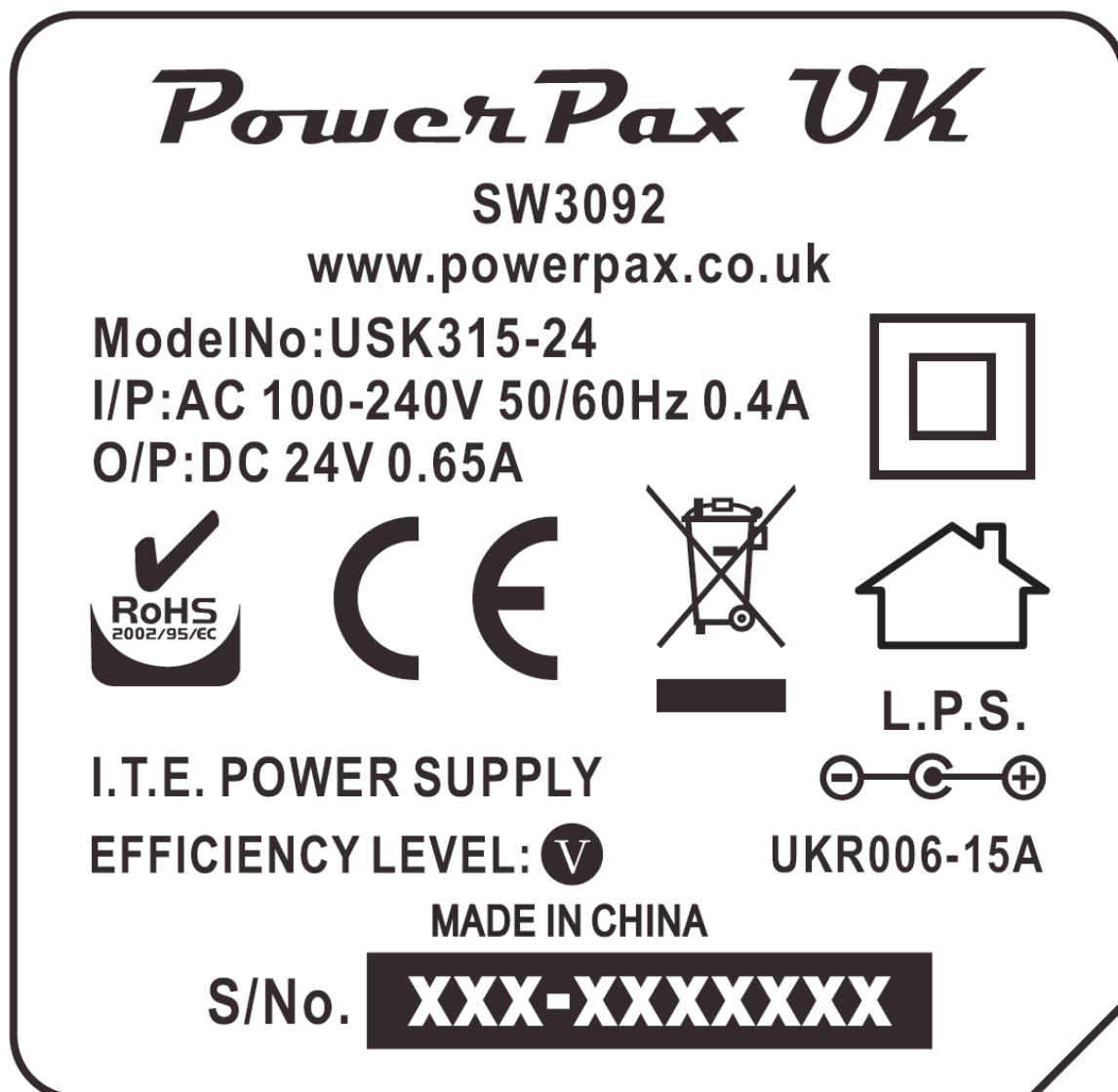
MEMO: Fork insulation with tonometer groove type

	FILE NAME	DC CORD
	UNIT	
DRAW	EDITION	1
CHECKED	SHEET	1/1

10.2011/4/26 V1

TOLERANCE: $\pm 5\text{mm}$

11.LABEL (SILVER WORD ON BLACK BASE)

S/No. XXX - XXXXXXXX

↓
 YEAR

↓
 MONTH

↓
 SERIAL NUMBER



(BLACK WORD ON SILVER BASE)

2011/04...B04-XXXXXXX

2012/12...C12-XXXXXXX

(A,B,C~Z)the letters of "I" and "O" will not be used.(In order not to make confusion of 1 and 0)2011/4/26 V1