# 東莞永力電業有限公司 YUNG LI CO., LTD

Da Pu Industrial Zone, Gang Zi, Changping Town, Dong Guan City, Guangdong 523571 China.P.R.C

TEL:0769-3396797~8 FAX:0769-3396796

E-mail: sales@yung-li.com

**Description:** (UL)YP-12/YC-12L

**Customer**:

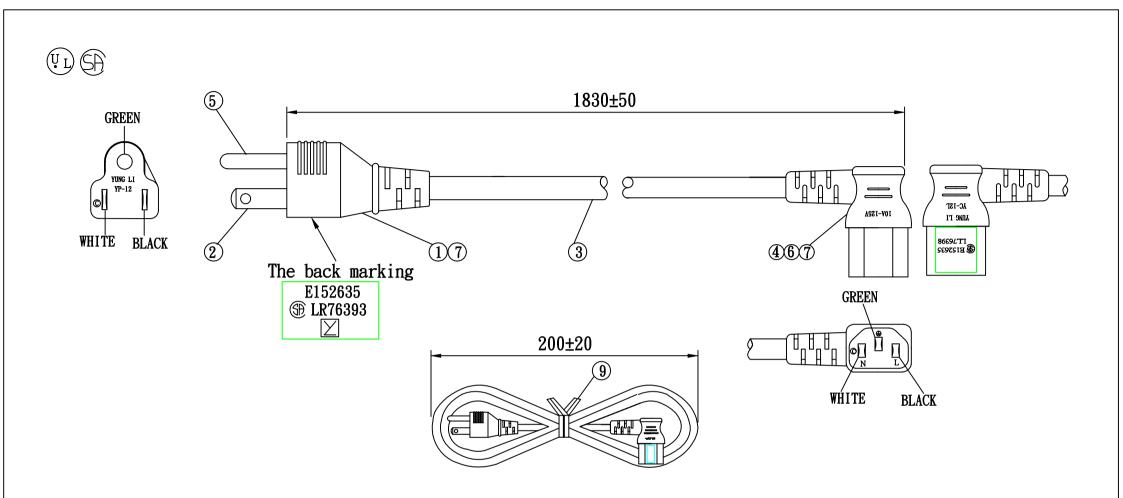
Parts No. :

Draw No. :

### **REVISION RECORD**

1	
2	
3	
4	
5	

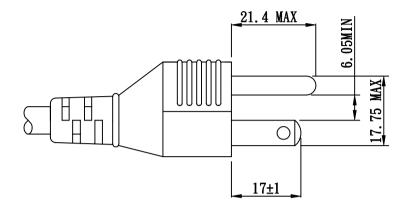
YUNG LI					
CHECKED	PREPARED BY				

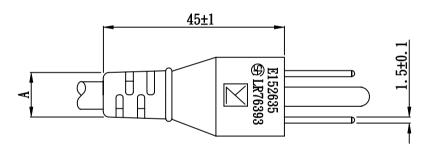


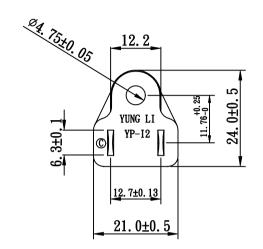
NO.	SPECIFICATION	Q' TY	REMARK
1	YP-12 PVC PLASTIC:50P BLACK	19g/PC	
2	TERMINAL: 98675BS-1	2PCS	
3	SVT 18/3C 105°C BLACK	1PC	1810±20(YL IS)
4	YC-12L PVC PLASTIC:50P BLACK	18g/PC	
5	TERMINAL: 98475	1PC	
6	U-TYPE TERMINAL:99744	3PCS	
7	YP-12 INNER BODY	1PC	
8	YC-12L INNER BODY	1PC	
9	MINI TIE L=130mm BLACK	1PC	

	APPROVED		DATE			VIINC	LI C	Λ Ι <b>Ί</b>	'ח
TOLERANCE >0±0.30	CHECKED		DATE			TUNG	LIC	O., LI	υ
>1.0±0.50 >10.0±1.0	DRAWN		DATE			CUSTOMER			
>20. 0±2. 0	TYPE	YP-12/	YC-1	2L		P/N			
Angle: ±1°	P/N					MATERIAL	P. V. C	UNIT	mm
	DRAWING NO.			REV	В	SCALE		<b>•</b>	



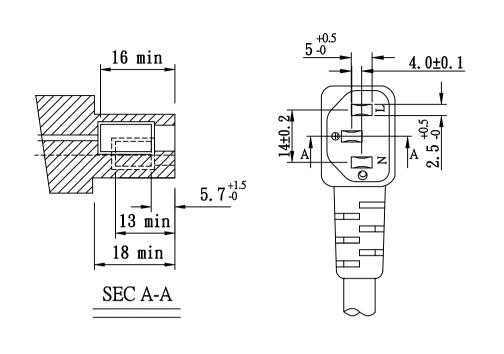


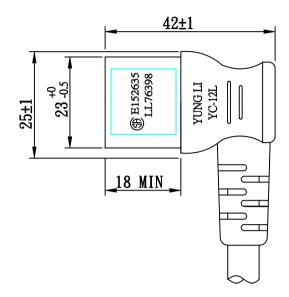


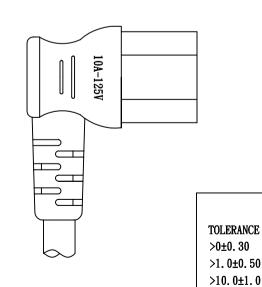


Cable Type	A
SVT 18AWG x 3C	12. 0±0. 5
SJT 18AWG x 3C	12. 5±0. 5
SJT 16AWG x 3C	13. 0±0. 5
SJT 14AWG x 3C	13. 5±0. 5

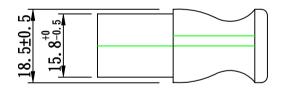
	APPROVED		DATE			VIINC	LI (	ז מי	TD
TOLERANCE >0±0.30	CHECKED		DATE			TUNG	LI (	.O., I	עונ
>1.0±0.50 >10.0±1.0	DRAWN		DATE			CUSTOMER			
>20. 0±2. 0	TYPE	YP-1	2			P/N			
Angle: ±1°	P/N					MATERIAL	P. V. C	UNIT	mm
	DRAWING NO.	CY-P12U		REV	В	SCALE	1:1	$\bigoplus$	







>20.0±2.0 Angle: ±1°



APPROVED		DATE			VIING	II (	00.,L	TП
CHECKED		DATE			TUNG	LI (	.U., L	Iυ
DRAWN		DATE			CUSTOMER			
TYPE	YC-1	2L(1	(A0		P/N			
P/N					MATERIAL	P. V. C	UNIT	mm
DRAWING NO.			REV	В	SCALE	1:1	<b>⊕</b>	$\Box$

TYPE	DESCRIPTION	PART NO.	PAGE
YP-12/YC-12L	POWER SUPPLY CORD		1 of 5

1. SCOPE:

This specification applies to **POWER SUPPLY CORDS** which are in compliance with With **UL & CSA** standards and authorized by **UL & CSA** as following files.

**UL E152635** 

CORD SETS & POWER SUPPLY CORDS

CSA LR76393, LL76398

SPECIAL USE CORD SET

2.	Standard of applicable		Type	Max. voltag	ges Max. cu	rrent File No.
	2.1	plug	YP-12			E152635,LR76393
	2.2	connector	YC-121	L 125	V 10A	E152635,LL76398
	2.3	cord	SVT	18/3C 105°	${\mathbb C}$	

3. TEST CONDITION: This test and measurement, unless otherwise specified shall be carried out at a temperature of 15°C to 35°C, relative humidity of 25% to 85%, and atmospheric pressure of 86kpa to 106kpa.

However, when any doubt arises on the judgement value under it the test and measurement shall be carried out at a temperature of  $20\pm2^{\circ}$ C, relative humidity of 60% to 70%, and atmospheric pressure of 86kpa to 106kpa.

### **4.ELECTRICAL PERFORMANCE**

NO.	Item	Test condition	Requirement
4-1	Dielectric Withstanding Voltage test	<ul> <li>(a) In this air (20±5°C)     AC2000V is applied between a conductor     and other conductor for 1 second.(Cut off current     0.3 μA).</li> <li>(b) Immersed in water(20±5°C)     AC 1000V is applied between a conductor and     other conductor for 1 minute</li> </ul>	No breakage No breakage
4-2	Current and Polarity test		No problem with Conductor

TYPE	DESCRIPTION	PART NO.	PAGE
YP-12/YC-12L	POWER SUPPLY CORD		2 of 5

### 4. ELECTRICAL PERFORMANCE

4.

No.	ITEM	Test condition	Requirement
4-3	Insulation	In the air 20°C~60°C DC 500V	5MΩ MIN
	resistance test		
4-4	Conductor	In the air $20^{\circ}$ C $\sim$ 60 $^{\circ}$ C	25.1Ω/ km MAX
	resistance test		

### 5.MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
5-1	Tensile strength (initial sample)	insulation	15LBS/2min
5-2	Deformation test	Exposure to 120±3 <sup>0</sup> C atmosphere for 0.5H Weight 510g	The thickness of sample shall not decrease more than 50%
5-3	Aging test	Exposure to 75±2°C, atmosphere for 168 hours under natural ventilation.	No crack mucus mark wire exposure short and oppositive polarity.

TYPE	DESCRIPTION	PART NO.	PAGE
YP-12/YC-12L	POWER SUPPLY CORD		3 of 5

### 5. MECHANICAL PERFORMANCE (CODE)

NO.	Item	Test condition	Requirement
5-4	Abrupt pull test	25 time abrupt pull test, turn around one circle.	No cord set break.
		Test to the rating of 40A for 2mins.	
5-5	Input & output	It is tested after taking the action of 10time	Applied force is
	Force to connector	input & output.	1~6kg

### 6. MECHANICAL PERFORMANCE

6-1 Pulling out force of conductor force of conductor shall not break under a Pull force of 20 LBS for 1 minute  The connector between blade terminal and conductor can not fall down  Conductor can not fall down  20 LBS for 1 minute	NO.	Item	Test condition	Requirement
		Pulling out	The connector between blade terminal and conductor shall not break under a Pull force of 20 LBS for 1minute	Conductor can not

TYPE	DESCRIPTION	PART NO.	PAGE
YP-12/YC-12L	POWER SUPPLY CORD		4 of 5

#### 6.MECHANICAL PERFORMANCE

NO.	HANICAL PE		Test condition	Requirement
6-2		force	The attachment plug is supported on a horizontal	The residua
ŭ <b>2</b>	of blades	10100	steel plate with the blades down ward through a	displacement of
			hole sufficiently large just to permit the blades to	either blade must no
			pass through it a weight than exert 89N force for	more than 2.4mn
			two minutes is to be supported by each blade in	after 2 minutes o
			succession.	load.
			89N	
6-3	Pulling out		The joint in flexible cord is to be securely support-	No looseness
	force of cord		rated by a rigid flat mounted horizontally, a pull of	
			133.4N weight for one minute to the flexible cord	
			133. 4N	

TYPE	DESCRIPTION	PART NO.	PAGE
YP-12/YC-12L	POWER SUPPLY CORD		5 of 5

### 6.MECHANICAL PERFORMANCE

NO.	Item	Test condition	Requirement
6-4	Bending force	The power supply cord division is fixing and load of 113g is added to a tip of a cable. It is made to do 2500times bending on right and left each 90° (bending speed 10 times/minute)	Breaking rate is under 30%
		YC-12L	

# YUNG LI CO., LTD SPECIFICATION

Yung-Li	Style	PVC FLEXIBLE CORDS	Document No
2/10/2004	Style	ryle PVC FLEXIBLE CORDS	608
Edition	Size	SVT 19/2C 105°C	Page
A	Size	SVT 18/3C 105°C	1/2

1. Standard : UL 62 UL 1581

2. Application:

3 Construction & Dimension

3. Construction & Dimension				
	Item	Specification		
	Size	18AWG x 3C		
Conductor	Material	Annealed Bare Copper		
	Construction	41/ § 0.16±0.005		
	Material	P.V.C.		
	Minimum Average Thickness	0.38mm		
Insulation	Minimum Thickness at any point	0.33mm		
	Diameter	$2.1 \pm 0.1$		
	Identification	Black, Green, White		
	Core Twist	3-Core		
Core Assembly	Filler	NA		
	Assembly Pair	NA		
Taping	Mylar Foil	NA		
Shielded	A1-Mylar Foil	NA		
Drain	Material	NA		
Diam	Construction	NA		
	Material	PVC		
	Minimum Average Thickness	0.76mm		
Jacket	Minimum Thickness at any point	0.58mm		
	Overall Diameter(Approx)	$6.3 \pm 0.15$		
	Color	Any Color		

# Marking:

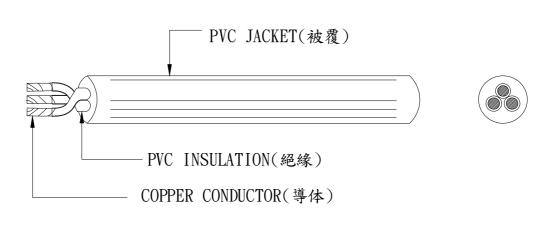
- 1. YUNG LI (UL) E241374 SVT 18AWG X 3C 105°C VW-1 CSA 177323 SVT 18AWG X 3C 105°C FT2
- 2. I-SHENG (UL) E88265-C SVT 105°C 18AWG X 3C VW-1 CSA TYPE LL81924 SVT 105°C 18AWG X 3C FT2

# YUNG LI CO., LTD SPECIFICATION

Yung-Li		PVC FLEXIBLE CORDS	Document No
2/10/2004	Style	F VC FLEXIBLE CORDS	608
Edition		SVT 19/2C 105°C	Page
A	Size	SVT 18/3C 105°C	2/2

4.Electrical &	& Physical P	roperties			
	Item		Specification		
Rating Volta	ge		300V		
Insulation Re	esistance		2.5Meg Ohm/Kft 15.6°C Min		
Dielectric St	rength		AC 1.5KV/1 min No Crack		
Spark Test			6KV/0.15 Sec		
	Unaged	Tensile Strength	1.050 Mpa min		
	Onageu	Elongation	100% Min		
Insulation	Aged	Tensile Strength	Min 85% (136±1°C x 168hrs)		
		Elongation	Min 65% (136±1°C x 168hrs)		
	Loss of ma	ss Test	NA		
	Unaged	Tensile Strength	1.050 Mpa min		
	Onageu	Elongation	100% Min		
Jacket	Aged	Tensile Strength	Min 85% (136±1°C x 168hrs)		
	Ageu	Elongation	Min 65% (136±1°C x 168hrs)		
	Loss of ma	ss Test	NA		
Deformation	Test		$121^{\circ}\text{C}\pm1^{\circ}\text{C}\text{m}\text{X}1\text{hr} \leq 50\%$		
Cold Bend T	est		-20°C x 4hr No Crack		
Heat Shock	Γest		121°C±1°C x 1hr No Crack		
Flame Test			VW-1		

# Graph:



Northbrook, Illinois • (847) 272-8
Melville, New York • (631) 271-6
Santa Clara, California • (408) 98
Research Triangle Park,
North Carolina • (919) 549-1400
Camas, Washington • (360) 817-

# (UL) Underwriters Laboratories Inc.®

YUNG LI CO LTD MR W D LAI 1ST FL 10 LANE 235 PAO-CHIAO RD HSIN-TIEN TAIPEI HSIEN 231 TAIWAN

### RE: Project Number(s) - 02NK90927

Your most recent Certification is shown below. You may also view this information, or a portion of this information (depending on the product category), on UL's Online Certifications Directory at www.ul.com/database. Please review the text and contact the Conformity Assessment Services staff member who handled your project if revisions are required. For instructions on placing an order for this information in a 3 x 5-inch format, you may refer to the enclosed order form for UL Card Service.

ELBZ7 September 19, 2002 Cord Sets And Power Supply Cords Certified For Canada

#### YUNG LI CO LTD 1ST FL 10 LANE 235 PAO-CHIAO RD HSIN-TIEN, TAIPEI HSIEN 231 TAIWAN

E152635

Cord Sets —	Power Supply Cords	<b>5.</b>		Amps/Volts
	Plug Cap	Flexible Cord	Cord	A/(V)ac
Cat. No.	Config	Size (AWG)	Type	10/125
YP-11	1-15	18	SPT-1, NISPT-1, SPT-2, NISPT-2, SJT, SVT SPT-2, NISPT-2, SVT	13/125
		16		10/125
YP-11W	· 1-15P	18	SPT-1, NISPT-1, SPT-2, NISPT-2, SJT, SVT	13/125
		16	SPT-2, NISPT-2, SVT	10/125
YP-12	<b>5-1</b> 5	18	SPT-2, SVT, SVT Shielded	10/123
			SJT	13/125
		16	SPT-2, SJT, SJT Shielded	15/125
		14	SJT	13/123
		12	SJT	10/105
YP-12L	5-15	18/3	SVT, SVT Shielded, SJT, SPT-2	10/125
11-12L	0 12	16/3	SJT, SPT-2	13/125
		14/3	SJT	15/125
YP-16	6-20	14/3	SJT	18/250
11-10	0-20	12/3	SJT	20/250
3/0.17	5-20	14/3	SJT	18/125
YP-17	5-20	12/3	SJT	20/125
VD 10	5-15	18/3	SJT	10/125
YP-18	6-15	14/3	SJT	15/250
YP-19	0-13	12/3	SJT	15/250
YP-32	IEC C14	18	SVT, SVT Shielded SJT, SJT Shielded	10/125, 10/250

Cord Sets - Special Use Cord Sets.

Page 1 of 2

868872001

A rent for-profit project and in all appearance of the contractions of the contraction o

# Underwriters Laboratories Inc. \*

Cat. No. YC-12	Cord Connector Configuration IEC C14	<b>Cord Type</b> SVT, SVT Shielded SJT, SJT Shielded SPT-2	Flexible Cord Size (AWG) 18	Voltage Rating V (ac) 125/250
	IEC C14	SJT	16	125/250
YC-12	IEC C14	SJT	14	125/250
YC-12L	IEC C14	SVT, SVT Shielded SJT, SJT Shielded	18	125/250
YC-12L YC-13	IEC C14 IEC C7	SJT SPT-1, SPT-2, NISPT-2 NISPT-1	16 18	125/250 125
YC-13W YC-14	IEC C7P IEC C5	SPT-1, SPT-2, NISPT-2 SVT, SVT Shielded	18 18	125 125
YC-13L	IEC C7	SPT-2 SPT-1, SPT-2	18	125
Cord Sets — C	Plug Cap	Flexible Cord Size (AWG)	Cord Type	Amps/Volts A/(V)ac
Cat. No. YC-15	Config 5-15	16/3	ŚĴŦ	13/125

LOOK FOR LISTING MARK ON PRODUCT



# CERTIFICATION RECORD

The company named below has been authorized by CSA to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No:

076393 0 000

Class No:

5842 02 CORD SETS Power Supply Cords

#### **SUBMITTOR**

Yung Li Company Ltd.

4554507

1F No 10 Lane 235 Pao Chiao Rd

Hsin Tien City Taipei Hsien, Taiwan

**FACTORY** 

Yung Li Company Ltd.

4554507

1F No 10 Lane 235 Pao Chiao Rd

Hsin Tien City Taipei Hsien, Taiwan

October 11, 2001(Replaces:April 23, 2001)

IN COMPLIANCE WITH CSA STD. C22.2 NO 21-95:

• Power supply cords consisting of the following plug caps moulded on flexible cords as indicated:

		Rating of PSC			Flexible Cord
Cat No Plug Caps	Config- uration	Amp	Volts	AWG	Туре
YP-11, -11W	1-15P	10	125	18	SPT-1 (I&N), SPT-2 (I&N), SVT, SJT
		13	125	16	SPT-2 (I&N), SVT
YP-12, YP-12L	5-15P	10	125	18	SJT,SVT, SVT(Sh), SPT-2
		13	125	16/3	SJT, SPT-2
		15	125	14/3	SJT
YP-12A	5-15P	15	125	14/3	ST



### CERTIFICATION RECORD

The company named below has been authorized by CSA to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No:

076398 0 000

Class No:

5841 03 CORD SETS Special-use Cord Sets

**SUBMITTOR** 

Yung Li Company Ltd.

4554507

1F No 10 Lane 235 Pao Chiao Rd

Hsin Tien City Taipei Hsien, Taiwan

**FACTORY** 

Yung Li Company Ltd.

4554507

1F No 10 Lane 235 Pao Chiao Rd

Hsin Tien City Taipei Hsien, Taiwan

June 4, 2002(Replaces: April 4, 2001)

### TO THE REQUIREMENTS OF CSA STD C22.2 NO. 21-95:

• Special-use cord sets consisting of the following connector bodies moulded onto any of the submittor's Certified power supply cords indicated:

Connector Body		Plug Cap		Flexible (	Cord
Cat No/Config.	Rating	Cat No	Config	AWG	Type
YC-12/C13	10A, 125V	YP-12	5-15P	18/3	SJT, SVT, SVT (Sh)
	13A, 125V	YP-12	5-15P	16/3	SJT
	15A, 125V	YP-12	5-15P	14/3	SJT
	10A, 125V	YP-32 (Sd)	C14		SJT, SVT, SVT (Sh)
YC-13(N), YC-13L(N) /C7	10A, 125V	YP-11(N)	1-15P	18/2	SPT-1 (I&N), SPT-2 (I&N)
YC-13W(P)/C7#	10A, 125V	YP-11W(P)	1-15P	18/2	SPT-1 (I&N), SPT-2 (I&N)
YC-14/C5	10A, 125V	YP-12	5-15P	18/3	SJT, SVT

LEGEND: "C5, C7, C13, C14" IEC 320 Type configurations; # Configuration modified for polarization feature; "(N)"non-polarized; "(Sd)" Shrouded; "(Sh)" Shielded; "(I&N)" Integral and Non-integral.



### **ZJCZ.E241374** Flexible Cord

**Page Bottom** 

**Questions?** 

**Previous Page** 

### Flexible Cord

**Guide Information** 

YUNG LI CO LTD

E241374

1ST FL 10 LANE 235 PAO-CHIAO RD **HSIN-TIEN** TAIPEI HSIEN 231, TAIWAN

Jacketed cords, Types SJT, SVT, ST.

Parallel cords, Type SPT-1, -2, -3, NISPT-1, -2.

Page Top

**Notice of Disclaimer** 

Questions? Previous Page

**UL Listed and Classified Products** 

**UL Recognized Components** 

**Products Certified for** Canada

This page and all contents are Copyright © 2004 by Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2004 Underwriters Laboratories Inc.®"



# **Certificate of Compliance**

Certificate:

1594794 (LL 76398)

**Master Contract:** 

Project:

1594794

Date Issued:

2004/10/14

Issued to:

Yung Li Company Ltd.

1F No 10 Lane 235 Pao Chiao Rd

**Hsin Tien City** Taipei Hsien, Taiwan

Attention: Mr. Rick Li

The products listed below are eligible to bear the CSA Mark shown



Issued by:

Bob Chippel, P. Eng.

Authorized by: Nick Alfano, Operations

Manager

**PRODUCTS** 

CLASS 5831 01 - WIRES - Flexible Cord

Flexible cords, Types SPT-1, NISPT-1, SPT-2, NISPT-2, SVT, SJT, ST, with PVC insulation and jacket, rated 60C or 105C, FT1, FT2.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 49-98 - Flexible Cords and Cables

DQD 507 2003/01/31



### Supplement to Certificate of Compliance

Certificate:

1594794

Master Contract:

177323

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

### **Product Certification History**

Project	Date	Description
1594794	2004/10/14	Original Certification: Flexible Cords SPT-1, -2, -3, NISPT-1, -2, SVT, SJT, ST



No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 1 of 9

YUNG-LI CO., LTD.

1F., NO.10, LANE235. PAO-CHIAO RD., HSIN-TIEN 231, TAIPEI., TAIWAN.

DA PU INDUSTRIAL ZONE, GANG ZI, CHANG PING TOWN, DONGGUAN CITY, GUANG DONG 523571 CHINA

Report on the submitted sample said to be AC /DC POWER CORD & PLUG ADAPTERS & CABLE

Client Reference : SEE REMARK

SGS Ref No.

: SZ10081378

Manufacturer

: YUNG-LI CO., LTD

Country of Origin

: CHINA

Sample Receiving Date

: SEP 18, 2006

**Testing Period** 

: SEP 18, 2006 TO SEP 22, 2006

Test Requested

: (1) As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.

(2) Determination of PBBs (Polybrominated Biphenyls), PBDEs (Polybrominated

Diphenylethers) of the submitted sample.

Test Method

: (1) Lead content - With reference to EPA 3050B: 1996 & other acid digestion. Cadmium content - With reference to BS EN1122: 2001 method B & other acid digestion. Mercury content - With reference to EPA 3052: 1996 & EPA 7473: 1998 & other acid

digestion.

Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7196A: 1992. Analysis was performed by Atomic Absorption Spectrometer & Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) & Direct Mercury analyzer & UV-VIS Spectrophotometer.

(2) With reference to EPA 3540C & EPA 3550C. Analysis was performed by GC-MS.

Results

: Please refer to next page.

Signed for and on behalf of

SGS-CSTC Ltd.

Wang HongLei, Leo

Sr. Engineer

issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies ults shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained t Report shall not be reproduced except in full, without written approval of the Company.

GZCM 848308

198 KEZHU Road, SCIENTECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20)82155555 f (86-20)82075125 中国・广州・经济技术开发区科学城科珠路198号 邮编:510663

t (86-20)82155555 f (86-20)82075125

www.cn.sas.com e sgs.china@sgs.com



No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 2 of 9

#### Results:

1)						
Item	Unit	MDL	No.1	No.2	No.3	No.4
Lead Content (Pb)	mg/kg	2	4	N.D.	4	5
Cadmium Content (Cd)	mg/kg	2	N.D.	N.D.	N.D.	N.D.
Mercury Content (Hg)	mg/kg	2	N.D.	N.D.	N.D.	N.D.
Havevelent Chromium Content [Cr(\/I)]	ma/ka	2	ND	ND	ND	ND

Item	Unit	MDL	No.5	No.6	No.7	No.8
Lead Content (Pb)	mg/kg	2	N.D.	N.D.	N.D.	4
Cadmium Content (Cd)	mg/kg	2	N.D.	N.D.	N.D.	N.D.
Mercury Content (Hg)	mg/kg	2	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium Content [Cr(VI)]	mg/kg	2	N.D.	N.D.	N.D.	N.D.

Note: - N.D. = Not Detected (< MDL)

- MDL = Method Detection Limit

- mg/kg = ppm

2) Item	Unit	MDL	No.1	No.2	No.3	No.4
Flame Retardants						
Polybrominated Biphenyls (PBBs)						
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Polybrominated Diphenylethers (PBDEs)						
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.

is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies therein. The stults shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained day within this test Report shall not be reproduced except in full, without written approval of the Company. st Report shall not be reproduced except in full, without written approval of the Company.

GZCM 734590

Co., Ltd. | 198 KEZHU Road, SCIENTECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20)82155555 f (86-20)82075125

t (86-20)82155555 f (86-20)82075125

e sgs.china@sgs.com



No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 3 of 9

Item	Unit	MDL	No.5	No.6	No.7	No.8
Flame Retardants						
Polybrominated Biphenyls (PBBs)						
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Polybrominated Diphenylethers (PBDEs)						
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.

Note: - N.D. = Not Detected (< MDL)

- MDL= Method Detection Limit

- mg/kg = ppm

#### Specimen Description:

No.1 Brown plastic wire (jacket)

No.2 Yellow plastic wire (jacket)

No.3 White plastic wire (jacket)

No.4 Red plastic wire w/ black printing (jacket)

No.5 Green plastic wire (jacket)

No.6 Black plastic wire w/ white printing (jacket)

No.7 Blue plastic wire (jacket)

No.8 Lt-grey plastic wire w/ grey printing (jacket)

is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also spon reductions are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies ults shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained test Report shall not be reproduced except in full, without written approval of the Company.

GZCM 848310

Ltd. - | 198 KEZHU Road, SCIENTECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20)82155555 f (86-20)82075125

t (86-20)82155555 f (86-20)82075125

e sgs.china@sgs.com



No.: GZ0609143833/CHEM

Date: SEP 22, 2006

Page 4 of 9

**REMARK:** 

產品所有型號

PLUG ADAPTERS				AC/DC POWER CORD					
YL-0312	YL-1214	YL-2121	YL-1223	YP-01	YP-23	YP-61	YC-04	YC-53	SVT,SJT,SJTW
YL-1212L	YL-1214L	YL-2121L	YL-0323	YP-02	YP-23K	YP-62	YC-05	YC-54	SJTO,SJTOW
YL-2112	YL-2214	YL-21K21	YL-21K23	YP-02L	YP-23R	YP-63	YC-05A	YC-55	ST,STW,STOW,
YL-2112L	YL-3114	YL-21K21L	YL-2623	YP-03	YP-24	YP-65	YC-06	YC-56	STO,SO,SOW
YL-21K12	YL-3214	YL-3621	YL-3223	YP-03L	YP-24K	YP-66	YC-07	YC-58	soow
YL-2212	YL-3514	YL-3621L	YL-3523	YP-11	YP-24R	YP-71	YC-09	YC-59	SJO,SJOW
YL-2212L	YL-4514	YL-8021	YL-4523	YP-11W	YP-24L	YP-72L	YC-10	YC-72	SPT-1,NISPT-1
YL-3112	YL-4614	YL-6021	YL-4623	YP-11C	YP-25	YP-73L	YC-11	YC-73	SPT-2,NISPT-2
YL-3412	YL-6014	YL-6021L	YL-4823	YP-12	YP-26	YP-74L	YC-12	YD-05	SPT-3,NISPT-3
YL-3512	YL-6014L	YL-8121	YL-6023	YP-12L	YP-30	YP-75L	YC-12G	YD-06	SRDT,2464
YL-3512L	YL-0314	YL-4821	YL-8123	YP-12A	YP-31	YP-76	YC-12A	YD-07	1015,1007,1061,
YL-4512	YL-21K14	YL-8035	YL-8023	YP-12G	YP-32	YP-77	YC-12L	YD-09	1728,1185,2468
YL-4612	YL-8115	YL-6035	YL-915	YP-13	YP-32L	YP-78	YC-13	YD-10	VCTF,HVCTF
YL-6012	YL-4535	YL-2135	YL-916	YP-13BL	YP-33	YP-79	YC-13BL	YD-11	VCTFK,HVCTFK
YL-0213	YL-0315	YL-0222	YL-312	YP-13L	YP-34	YP-80	YC-13L	YD-12	VFF,HVFF,VSF
YL-1113	YL-21K15	YL-1122	YL-223	YP-13C	YP-35	YP-81	YC-13C	YD-13	VCT,HVCT
YL-1113L	YL-2215	YL-1122L	YL-315	YP-13S	YP-36	YP-90L	YC-13W	YD-14	H05VV- F,H03VV-F
YL-2113	YL-2215L	YL-21K22	YL-150	YP-13H	YP-37	YP-91L	YC-13A	YD-15	H05VVH2-F
YL-2113L	YL-2615	YL-2622	YL-344	YP-13HP	YP-38	YP-92L	YC-13B	YD-16	H03VVH2-F
YL-21K13	YL-3215	YL-3522	YL-150A	YP-13M	YP-39	YP-93L	YC-13E	YD-17	H05V2V2-F
YL-3213	YL-3415	YL-3622		YP-13P	YP-40	YP-94L	YC-13F	YD-18	H03V2V2-F
YL-3413	YL-3515	YL-3622L		YP-14	YP-42	YP-95L	YC-13D	YD-19	H05V2V2H2-F
YL-3613	YL-4515	YL-8022		YP-15	YP-45	YP-96L	YC-14	YD-20	H03V2V2H2-F

is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies ults shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained st Report shall not be reproduced except in full, without written approval of the Company.



No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 5 of 9

YL-3613L	YL-4615	YL-6022	YP-15G	YP-46	YP-97L	YC-14L	YD-21
YL-6013	YL-8015	YL-6022L	YP-16	YP-47	YP-98L	YC-14G	YD-22
YL-6013L	YL-6015	YL-8122	YP-16L	YP-48	YP-99L	YC-15	YCM- 001
YL-8113	YL-6015L	YL-21K35	YP-17L	YP-49		YC-16	YCM- 002
YL-6012L	YL-212	YL-921	YP-17	YP-50		YC-17	YCM- 003
YL-1113A		YL-921A	YP-18	YP-51		YC-18	YCM- 004
YL-2113A			YP-18L	YP-52		YC-19	YCM- 005
YL-3613A			YP-19	YP-53		YC-20	SR
YL-1245			YP-19L	YP-54		YC-21	
YL-1246			YP-20	YP-55		YC-21A	
YL-2245			YP-21	YP-56		YC-22	
YL-2246			YP-21K	YP-57		YC-23	
YL-4546			YP-21R	YP-58		YC-25	
YL-4645			YP-22	YP-59		YC-45	
YL-6145			YP-22K	YP-60		YC-46	
YL-6146			YP-22R	YP-60L		YC-52	

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for the company.

This was taken to the company of the Company.

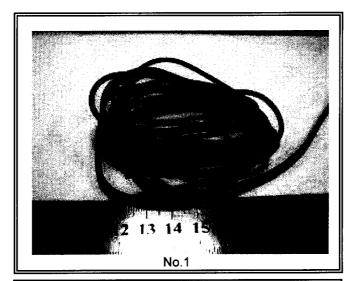


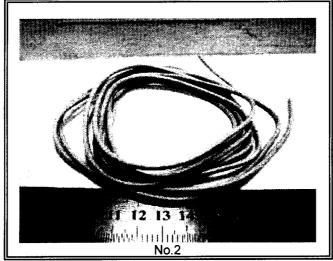
No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 6 of 9

### SAMPLE PHOTO





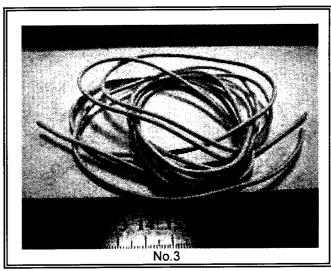
issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies ults shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained Report shall not be reproduced except in full, without written approval of the Company.

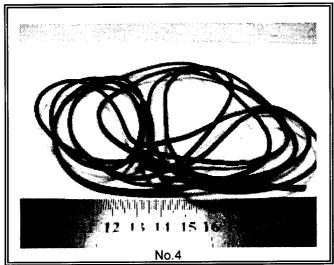


No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 7 of 9





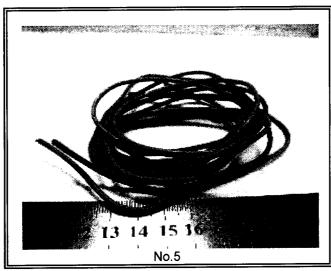
issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also granning or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies ults shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained t Report shall not be reproduced except in full, without written approval of the Company.

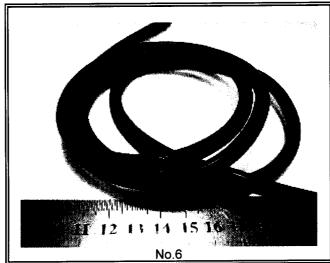


No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 8 of 9





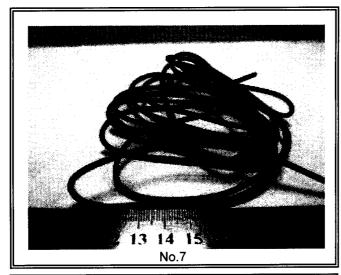
This Test Reports issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon required or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for the day of the Company.

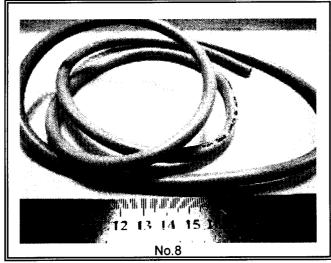


No.: GZ0609143833/CHEM

Date:SEP 22, 2006

Page 9 of 9





\*\*\* End of Report \*\*\*

issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies ults shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained t Report shall not be reproduced except in full, without written approval of the Company.

GZCM 848316

中国·广州·经济技术开发区科学城科珠路198号 邮编:510663

t (86-20)82155555 f (86-20)82075125 e sgs.china@sgs.com