



VANSON ELECTRONICS LTD.

TEL: (852) 24271 741

19, FL., KINGSWAY INDUSTRIAL BLDG.,
FLAT "H", 173-175 WO YI HOP RD.,
KWAI CHUNG, N.T., KOWLOON,
HONG KONG

Email: sales@vanson.ws
Fax: (852) 2480 5640

Your Ref.

Our Ref.

Hong Kong, Dec 07, 2016

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PRODUCT SPECIFICATIONS

Description:	Auto DC Power Regulated Adaptor
Model No.:	SDR-150W
Detachable plugs:	Include 9 detachable plugs (A, B, C, D, E, F, G, H, K; Part No.# CDWP-9D)
DC Plug (Input):	30cm of UL1185 cord with cigarette lighter input plug
DC Plug (Output):	5.5ft. of cable with DC socket
Dimensions:	112mm(L) x 60mm(W) x 38.5mm(H) (not include cord)
Weight:	406 grams (not include plugs)

TECHNICAL SPECIFICATIONS:

Primary Voltage and Frequency:	12V DC 14.5A max.
Secondary voltage:	15 / 16V DC \pm 6% 8.5A; 18 V DC \pm 6% 8A; 19V DC \pm 5% 8A; 20V DC \pm 5% 7.5A; 22V DC \pm 5% 6.5A 24V DC \pm 5% 6A, 150W max.
Features:	- Short circuit & overload protection (*Replaceable fuse: 15AMP) - High efficiency & low energy consumption - Stabilized output, low ripple - Green LED indicator
Temperature	Storage temperature: -10°C to 55°C Working temperature: 0°C to 35°C



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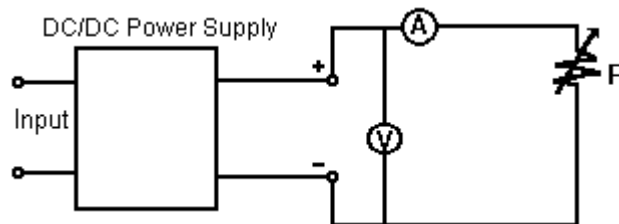
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TESTING:

Item	Condition	Requirement
Drop Test	1meter height, each face is dropped one time, concrete floor	--- Function Test Pass --- Mechanical Pass
High Temperature and Humidity Test	46 degC 95% R.H. 96 hours	--- Function Test Pass --- Appearance Pass (e.g. No deform in enclosure; No corrosion on metal part)
Temperature Cycling Test	(a) -20 degC ; 12 hours (b) 65 degC ; 12 hours One cycle is completed (a) and (b) Total 4 cycles (96 hours)	--- Function Test Pass --- Appearance Pass (e.g. No deform in enclosure)

TESTING CIRCUIT ON OUTPUT:

A = Amperemeter
 V = Voltmeter
 R = Variable resistor



Electrical Specification

Input: 12V DC

Output:	15V	16V	18V	19V	20V	22V	24V
Test Item:							
Output Voltage (Full load)	15V ± 6%	16V ± 6%	18V ± 6%	19V ± 5%	20V ± 5%	22V ± 5%	24V ± 5%
Output Current (A)	8.5	8.5	8	8	7.5	6.5	6
Ripple / Noise (Full load)	300mV	300mV	300mV	300mV	300mV	300mV	300mV
Max output power	152W						
Efficiency	88%						



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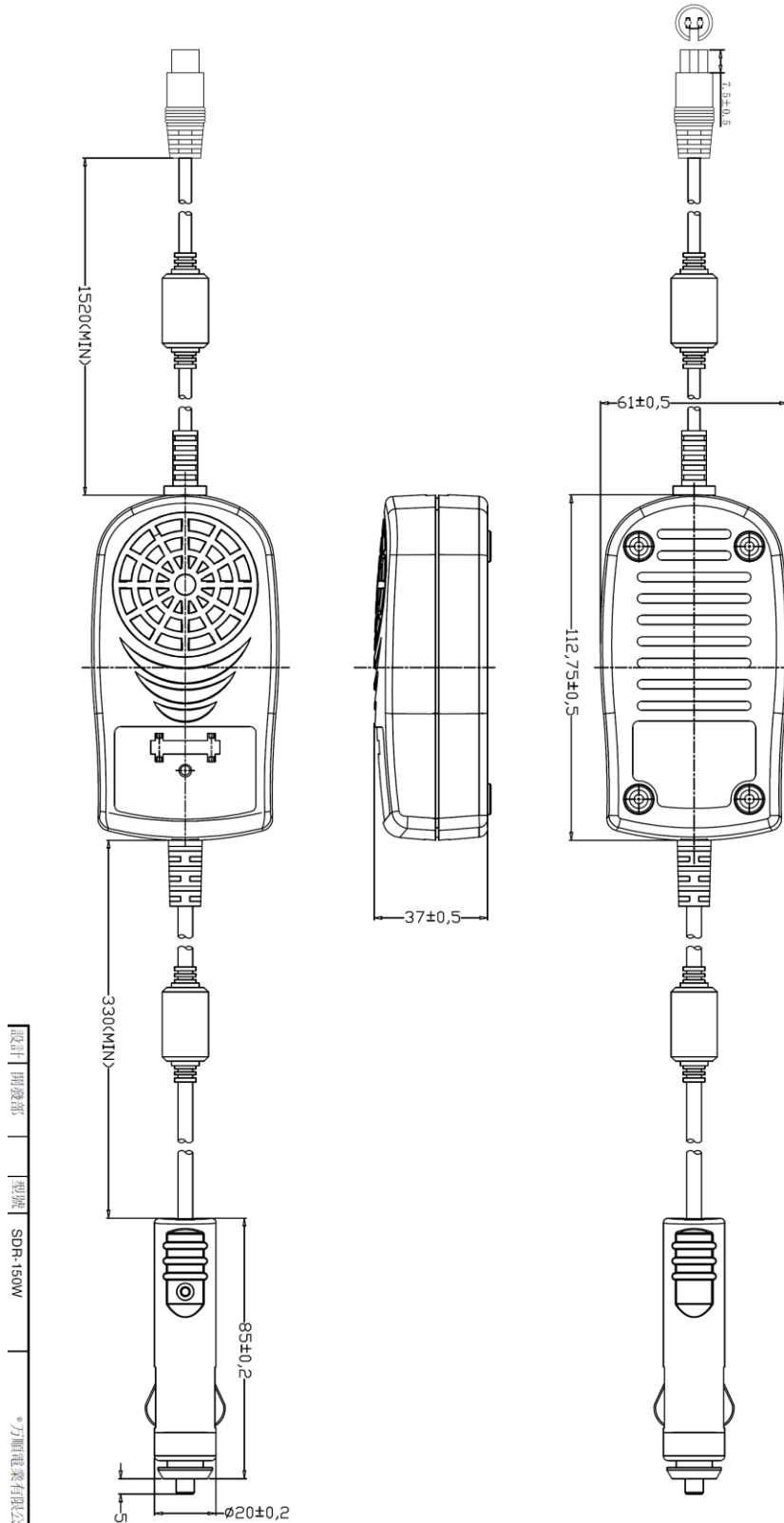
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PRODUCT DRAWING:





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PLUGS DRAWING: (#CDWP-9D)



1. DELL PLUG, BLACK COLOR.
Dell plug, inner model used PE,
outer model used 20P black color PVC.
7.50±0.5

2. DETACHABLE PLUG, BLACK PLASTIC RING HARDWARE.
Dell plug, 07.40x12.5±0.5
Used 20P black color pvc.
07.40

3. DETACHABLE PLUG, BLACK PLASTIC RING HARDWARE.
01.90x5.50x12.5±0.5mm "I" type,
used 20P black color PVC.
01.90

4. DETACHABLE PLUG, YELLOW PLASTIC RING HARDWARE.
01.00 (pin)x5.00x11.5±0.5mm "I" type,
used 20P black color PVC.
01.00 (pin)


5. DETACHABLE PLUG, BLACK PLASTIC RING HARDWARE.
01.40 (pin)x6.50x14±0.5mm "I" type,
used 20P black color PVC.
01.4 (pin)

6. DETACHABLE PLUG, BLACK PLASTIC RING HARDWARE.
03.00x6.30x14±0.5mm "I" type,
used 20P black color PVC.
03.00

7. DETACHABLE PLUG, YELLOW PLASTIC RING HARDWARE.
01.70x4.75x9.5±0.5mm "I" type,
used 20P black color PVC.
01.70

8. DETACHABLE PLUG, RED PLASTIC RING HARDWARE.
02.50x5.50x12±0.5mm "L" type,
used 20P black color PVC.
02.50

9. DETACHABLE PLUG, ORANGE PLASTIC RING HARDWARE.
02.10x5.50x12±0.5mm "L" type,
used 20P black color PVC.
02.10



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FUNCTION TEST: No open, no reversed
polarity, no short-circuit, no INT.

FINISHED PRODUCT ASSEMBLY SHALL BE IN COMPLIANCE
WITH ROHS REQUIREMENT.

TOLERANCE	DESIGN/DATE	李军06/10/2004	END-03356
X= ±0.5mm	DRAWING/DATE	李军06/10/2004	DESIGN SIGN
.X= ±0.3mm	ASSESSOR		REV SEC
.XX= ±0.05mm	DATE		RO
	RATIFIER		
	DATE		
			VANSON ELECTRONICS LIMITED

MODEL: VAS-2798-A0

DC CABLE

CDWP-9D

MM