

HCT ELECTRONICS CO.,LTD.



SPECIFICATION FOR MODEL NO. : H01800015-XX-D2

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DESCRIPTION		SPECIFICATION		HCT Technology	
MODEL NO.		H01800015-XX-D2		DOCUMENT NO.	
PREPARED BY	DESIGNED BY	CHECKED BY	APPROVED BY	ISSUED DATE	Apr-20-2007
WILSTAR	WILSTAR			REV.	A

Revision History

Rev	Description	Date
A0	Original	Apr -20-2007

1.0 INPUT.....	4
1.1 Voltage.....	4
1.2 Frequency.....	4
1.3 Current.....	4
1.4 Inrush current.....	4
1.5 Power efficiency.....	4
2.0 OUTPUT.....	4
2.1 charge curve.....	4
2.2 Led display.....	4
3.0 PROTECTION.....	4
3.1 Over voltage protection.....	4
3.2 SHORT CIRCUIT PROTECTION.....	4
4.0 HI-POT:.....	5
4.1 HI-POT.....	5
5.0 ENVIRONMENT:.....	5
5.1 Ambient operation temperature.....	5
5.2 Ambient operation relative humidity.....	5
5.3 Ambient storage temperature.....	5
5.4 Ambient storage relative humidity.....	5
6.0 DROP TEST.....	5
7.0 VIBRATION TEST.....	5
8.0 MTBF.....	5
9.0 OUTLINE.....	5

1.0 INPUT

1.1 Voltage

Minimum	Normal	Maximum	Unit
100	115/230	240	Vrms

1.2 Frequency

47Hz~63Hz

1.3 Current

2.0A.(MAX)

1.4 Inrush current

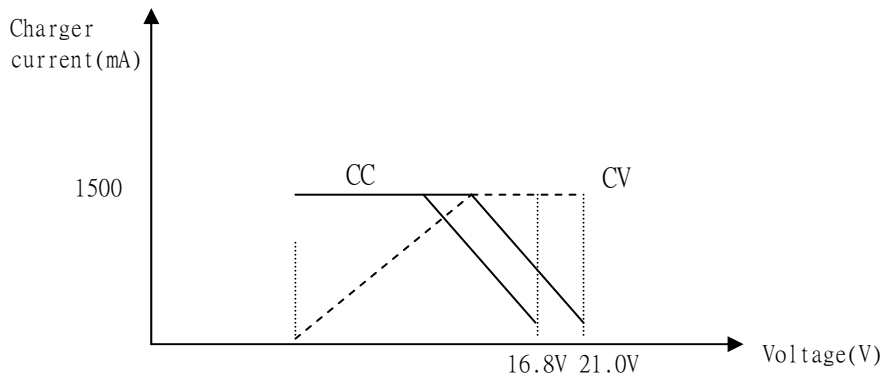
115V/40A(max.), 230V/80A(max.)
at 25°C at cold start.

1.5 Power efficiency

75% (min.) at full load, 110Vac or 230Vac 50Hz.

2.0 OUTPUT

2.1 Charge curve



2.1.1 Its output voltage is 16.8V or 21.0V at standby.

2.1.2 Voltage precise: +/-1.5%;

2.2 Led display

Green on standby

Red on charging

Green on full charge

When charging current drop 300mA, led will change

From red to green

3.0 PROTECTION

3.1 Over voltage protection

Output over voltage protection with zener diode.

3.2 Short circuit protection

The output short to ground, it will auto-recovery without damage.

4.0 HI-POT

4.1 HI-POT

4.1.1 P~S:3300Vac 3S,the leakage current is lower than 10mA;;

5.0 ENVIRONMENT:

5.1 Ambient operation temperature

0°C to +40°C

5.2 Ambient operation relative humidity

20% to 85%

5.3 Ambient storage temperature

-40°C to +70°C

5.4 Ambient storage relative humidity

10% to 95%

6.0 DROP TEST

6.1 Freely drop the wooden board from the height of 1.2m for two times per side(front/back/left/right).

7.0 VIBRATION TEST

7.1 Vibration frequency:5-60-5Hz with 10 octave/min@2.1G

7.2 Three circles per axis(X,Y,Z) for 10minutes

8.0 MTBF

40,000 hours base on bellcore TR332 document required at 25°C.

9.0 Outline

9.1.Outline dimension: 120L X 60W X 38(H) mm MAX;;

9.2.Profile:surface smooth ,no scar and mechanical damage.

Li-ion Battery Charger

Model:H01680020-US-1

Input:AC 100~240V 50/60Hz

Output:DC 16.8V \approx 2.0A cc/cv

CAUTION:

- * Charge Li-ion rechargeable battery pack for 14.4V
- * Indoor use only



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