

Product Specification

Of

Smart Charger (0.3A) for 7.4V Li-ion/Polymer
Rechargeable Battery Pack (Two Pin Male connector) --
CE listed



AA Portable Power Corp (<http://www.batteryspace.com>)

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Prepared & Approved by Louis (01/05/10)

1.0 INPUT

1.1 Voltage

Minimum	Normal	Maximum	Unit
100	115/230	240	Vrms

1.2 Frequency 47Hz~63Hz

1.3 Current 0.3A Max

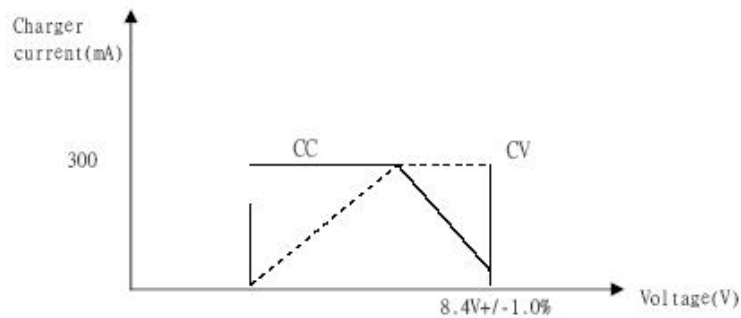
1.4 Inrush current

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

1.5 Power efficiency 60% (min.) at full load, 110Vac or 230Vac 50Hz.

2.0 OUTPUT

2.1 Charge curve



2.1.1 Its output voltage is 8.4+/-1%V at standby.

2.2 Led display

Green on standby

Red on charging

Green on full charge when charging current drop to 70+/-15mA.

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.

3.3 Output reverse input protection

When output reverse input, the unit and the battery will be no damage.

4.0 HI-POT

4.1 HI-POT

4.1.1 P~S:1800Vac 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 SAFETY:

6.1 UL1310

6.2 CE

6.2.1 EN60335-2-29

6.2.2 EN60335-1

7.0 EMI:

7.1 FCC part15

7.2 EN55022 classB

7.3 EN55024

7.4 EN61000-3-2

7.5 EN61000-3-3

8.0 DROP TEST

8.1 Freely drop the wooden board from the height of 75cm for two times per side(front/back/left/right).

9.0 VIBRATION TEST

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

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

10.0 MTBF

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

11.0 Outline

9.1.Outline dimension: 75X 46X 29 mm MAX;;

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