

**SPECIFICATION FOR  
MODEL NO. :D00720006-12-D1  
5.4 WATTS CHARGER**

AA Portable Power Corp

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A0	Original	Dec-29-2006

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## 1.0 INPUT

### 1.1 Voltage

Minimum	Normal	Maximum	Unit
11	12	16	Vdc

### 1.2 Current

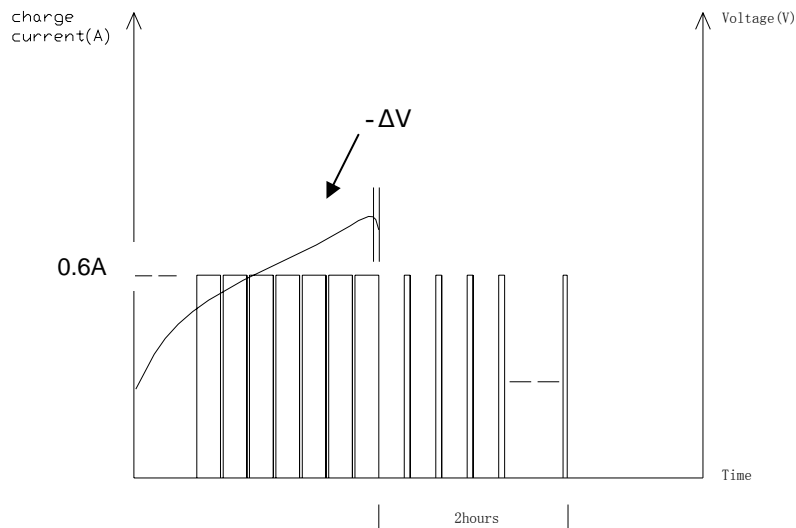
1.0A.(MAX)

### 1.3 Power efficiency

75% (min.) at full load, 12Vdc.

## 2.0 OUTPUT

### 2.1 Charge curve



2.1.1 This charger can charge 2~6pcs series Ni-MH/Ni-Cd battery.

2.1.3 End charge by  $-\Delta V$  (about 5mV/cell) detection

### 2.2 Led display

2.1.1 Red and green led flash for 2 times after the unit connect AC source, then both off.  
 Red led on charging  
 Green led flash on trickle charge  
 Green led on full charge

### 3.0 PROTECTION

#### 3.1 Over voltage protection

Sense level	Over voltage
+10V	12Vmax.

#### 3.2 Short circuit protection

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

### 4.0 ENVIRONMENT:

#### 4.1 Ambient operation temperature

0°C to +40°C

#### 4.2 Ambient operation relative humidity

20% to 85%

#### 4.3 Ambient storage temperature

-40°C to +70°C

#### 4.4 Ambient storage relative humidity

10% to 95%

### 5.0 MTBF

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

### 6.0 Dimension

Outline dimension : 50L X 50W X 25(H) mm MAX;