

Product Name:	110V AC to 3.7V DC Li-ion Battery Charger w/ DC Connector	
Product Number:	01233	
Dimension:	85.5x47.5x30.4mm	

1 Cells Li Battery Charger Specification

NO.	Item	Unit	Specification	Remark
Input				
1	Rating input	Vac	120Vac 50/60Hz	
2	Input range	Vac	90~264Vac	
3	Rating input current	A	0.08Arms	120V input and full load.
4	Max. input power	W	6W	
Output				
5	Rating output voltage	Vdc	3.7V	
6	Output voltage range	Vdc	2VDC~4.2VDC	
7	Suit with battery	Ah	3.7V Li-ion	1 Cells
8	Charge current	A	1.0A	
9	End-of-charge current	A	0.125A	
10	Small charge current	A	0.25A	
11	Max. output power	W	4.2	
12	LED indication		Charge red, full green	Red flicker when battery bad.
13	Short-circuit protection		Yes	
14	Reverse protection		No	
15	Temp. protection		NO	
16	Efficiency	%	>70%	At full load.
Environment				
17	Operate temp.	°C	-10~40	Full load & natural convection.
18	Operate humidity	%RH	<90	Relative humidity, non-condensing.
19	Storage temp.	°C	-30~85	
20	Storage humidity	%RH	<95	Relative humidity, non-condensing.



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21	Cooling		Natural convection	
22	Vibration		IEC68-2-6	Non-operating condition.
23	Impact		IEC68-2-32	Non-operating condition.
Safety				
24	Temp. rise	°C	40	At any line and full load.
25	Safety standard		EN60335-2-29	
26	EMC		EN55014-1	
27	MTBF	hrs	50000hrs	
28	ESD	kV	8	
29	HI-POT	V	3000/1min.	Testing with Sine wave.
Mechanical				
31	Size	mm	85.5×47.5×30.4	L/W/H
32	DC cable & connector		DC cable: AWM2464 1Meter length DC connector: φ5.5*2.1*10	