

# Specification for 7.2V-14.4V NIMH Smart Battery charger

	Item	Unit	Specification	Remark
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**Product Picture**

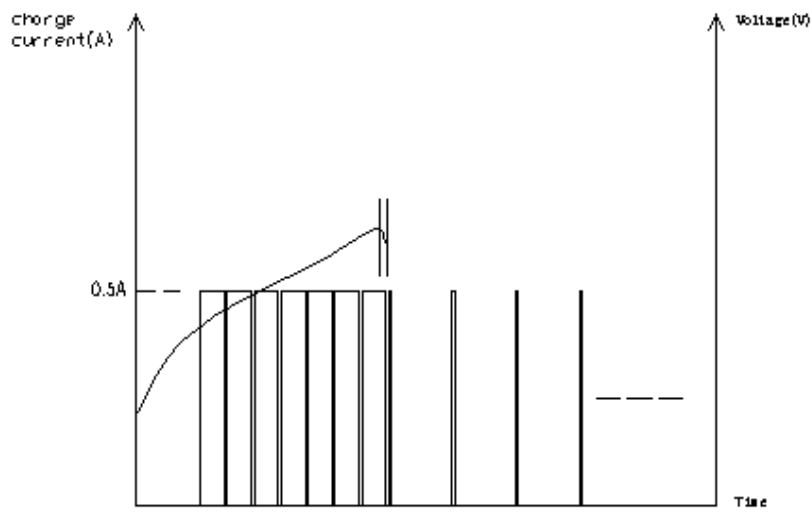


**Input**

1	Rating Input Voltage	Vac	100-240Vac	
2	Frequency	Vac	47Hz~63Hz	
3	Current	A	1.0A.(MAX)	
5	Inrush current	A	115V/40A(max.), 230V/80A(max.) at 25°C at cold start.	
6	Power efficiency		75% (min.) at full load, 115Vac 60Hz.	

**Output**

7	Charge curve			
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8	Output Voltage Range	Vdc	7.2V-14.4VDC	
9	Suit with Battery	Ah	6~12pcs series Ni-MH/Ni-Cd battery	
10	Charge Current	A	0.5A(±0.1A)	
11	End charge		-ΔV(about 10mV/cell) detection	
12	Inner Timmer	Hour	14	

# Specification for 14.4V NIMH Smart Battery charger

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13	LED Indication		Red and green led flash for 2 times after the unit connect AC source, then both be off. *Red led on charging *Green led flash on trickle charge *Green led on full charge	
14	Protection		*Short circuit protection *Output reverse input protection *Safety timer control	

## Environment

15	Operate Temperature	°C	0 ~+40	Full Load & Natural Convection
16	Operate Humidity	%RH	<+90	Relative Humidity and Non-condensing
17	Storage Temperature	°C	-40~+70	
18	Storage Humidity	%RH	0~+95	Relative Humidity and Non-condensing
19	Cooling		Natural Convection	
20	Temperature Fact	%		
21	Vibration		5MM/50HZ/600S	Non-operating Condition
22	Impact resistance		1 meter drop set>=3times	Non-operating Condition

## Mechanical

23	Weight	g	100g	
24	Size	mm	85.0x53.0x35.0mm	Casing Only
25	Input/Output Cord and Connectors.		Defined by User	

## MTBF

26	40,000 hours base on bellcore TR332 document required at 25°C.			
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