

Specification for 7.2V-12V NIMH Smart Battery charger

	Item	Unit	Specification	Remark
--	------	------	---------------	--------

Product Picture

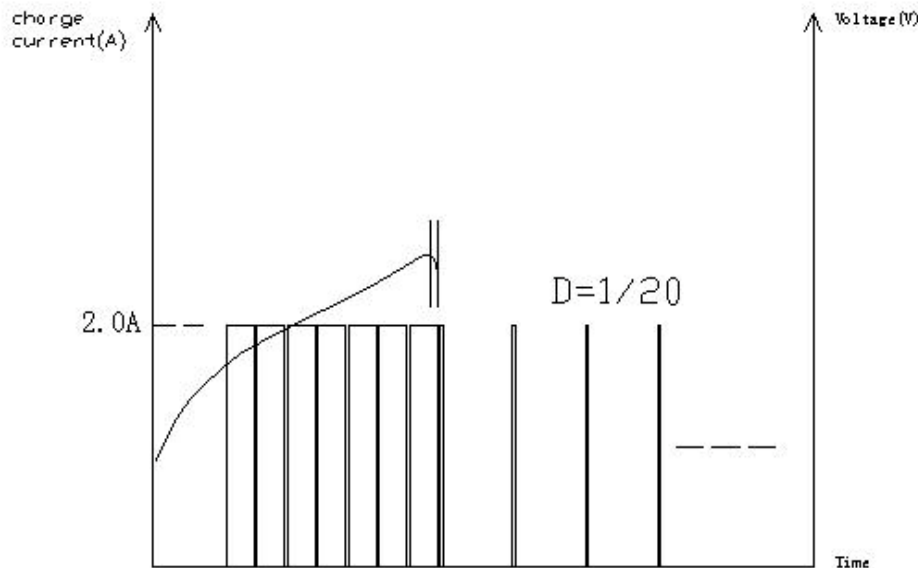


Input

1	Rating Input Voltage	Vac	100-240Vac	
2	Frequency	Vac	47Hz~63Hz	
3	Current	A	2.0A.(MAX)	
4	Max. Input Power	W	45	
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			
---	--------------	--	--	--



8	Output Voltage Range	Vdc	7.2V-12.0Vdc	
9	Suit with Battery	Ah	6~10pcs series Ni-MH/Ni-Cd battery.	
10	Charge Current	A	2.0A(+0.15A)	
11	End charge		by $-\Delta V$ (about 10mV) detection,after detection $-\Delta V$,It will turn to Trickle-off charge ,its charger current is fast charging current of 1/20.	
12	Inner Timmer	Hour	Defined by User	

Specification for 7.2V-12V NIMH Smart Battery charger

	Item	Unit	Specification	Remark
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 on full charge	
14	Protection		*Short circuit protection *Output reverse input protection *Safety timer control	
Environment				
15	Operate Temperature	℃	0 ~ +40	Full Load & Natural Convection
16	Operate Humidity	%RH	< +90	Relative Humidity and Non-condensing
17	Storage Temperature	℃	-40 ~ +70	
18	Storage Humidity	%RH	0 ~ +95	Relative Humidity and Non-condensing
19	Cooling		Natural Convection	
20	Temperature Factor	%		
21	Vibration		5MM/50HZ/600S	Non-operating Condition
22	Impact resistance		1 meter drop set ≥ 3 times	Non-operating Condition
Mechanical				
23	Weight	g	150g	
24	Size	mm	115mm*45mm*35mm	Casing Only
25	Input/Output Cord and Connectors.		Defined by User	
MTBF				
26	40,000 hours base on bellcore TR332 document required at 25℃.			