



2-6Cells NI-MH Smart Battery Charger Specification

NO.	CH-UNDC212B	Unit	Specification	Test Condition
Input				
1	Rating input	Vdc	10~20Vdc	
3	Rating input current	A	1 Arms	
Charging current and protection				
5	Rating output voltage	Vdc	11V	
6	Output voltage range	Vdc	1.0VDC~11VDC	
7	Cell spec.	-	2-6cells 500mA~3000mAh NI-MH	
8	Charge current	A	500mA±50mA	
9	Trickle current	mA	30mA-70mA	
12	LED indication	-	Charge red, full green, empty load LED off	
13	Short-circuit protection	-	Yes	
14	Reverse protection	-	Yes	
15	Efficiency	%	>75%	
Charging features				
16	Minus ΔV value	mv	10-30mv	
17	Maximum cell voltage	V	1.5V/cell	
18	Max. Cell Temp.	°C	55°C	Charging will be stopped when triggered by this temperature
19	Safety time	hour	8 hours	
20	Volt. Detect accuracy	%	0.5%	
Environment				
22	Operate temp.	°C	-10~40	Full load & natural convection.
23	Operate humidity	%RH	<90	Relative humidity, non-condensing.
24	Storage temp.	°C	-30~85	
25	Storage humidity	%RH	<95	Relative humidity, non-condensing.
26	Cooling	-	Natural convection	
Charging process description				

