



NiMH battery charger Specifications 12V 6.0A

Model: HP8208N1 (10S)

No.	Description	Criterion
1	Input Voltage:	AC 115/230V 50/60HZ
2	Output Voltage:	12V (10 cell x 1.2V)
3	Output Current:	6.0 ±0.2A
4	Trickle Current:	50-120mA
5	Negative Delta Voltage	6 ±1.5mV/cell
6	Delta T/Delta t	0.8-1.2°C /min
7	Max Charge Start Temperature	40°C ±5%
8	Min Charge Start Temperature	0°C ±2%
9	Tmax	50°C ±5%
10	Max Charge Time	6 hours
11	No Load Voltage:	19.5 ±0.2V
12	Vmax of CC charging:	17.6 ±1.0V
13	Under Voltage Trickle Current	0.5A ±0.1A (≥9.0V)
14	Detection/Protection	1. Short Circuit Detection 2. Output Voltage/Current Limit 3. Reverse Power Protection 4. Overheat Detection (103AT type 10K NTC thermistor) 5. Charging Time Limit
15	LED Indicator:	Power On: RED Charging: ORANGE Full Charge: GREEN Disconnect: OFF
16	Operating temperature:	0°C~40°C
17	Preserving temperature:	-10°C~85°C
18	Operating Height:	3000m
19	Dimensions:	181mm(L)*94mm(W)*53mm(H)
20	Weight:	1.0kg
21	Colour/Case Material:	Gray / Aluminium
22	Approval:	PSE, SAA, cUL, TUV-GS, CE
23	RoHS compliant	Yes



Note: this battery charger will not operate without battery to be charged containing 10K NTC thermistor on connector pin position No.3

Series available: HP8208N2 (24V/3~5A) & HP8208N3 (36V/2~4A)