



NiMH battery charger Specifications 36V 3.0A

Model: HP8208N3 (30S)

| No. | Description | Criterion |
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| 1 | Input Voltage: | AC 115/230V 50/60HZ |
| 2 | Output Voltage: | 36V (30 cell x 1.2V) |
| 3 | Output Current: | 3.0 ±0.1A |
| 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: | 54.5 ±0.5V |
| 12 | Vmax of CC charging: | 51.0 ±0.5V |
| 13 | Under Voltage Trickle Current | 0.5A ±0.1A (≥27.0V) |
| 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: HP8208N1 (12V/4~6A) & HP8208N2 (24V/3~5A)