



Camelion Batterien GmbH | Bergiusstr. 53-59 | D-12057 Berlin

WEST BUY "SRL
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MD-2075 , Chisinau (Kishinev) sity
Republic of Moldova

Declaration of Conformity

Herewith we ADA Import & Großvertriebs GmbH, Bergiusstraße 53-59, 12057 Berlin, Germany, conform that the following of products:

Product:	Rechargeable batteries
Label:	Camelion
Type:	Ni-MH (1,2V)
Size:	HR6 2500mAh BP4 (Item-no. 170 254 06)

are produced in accordance with the European directive 2006/66/EG and the amendment 2013/56/EU.

Berlin, February 24th , 2021

E. Akinci

Ergün Akinci

Product Management



Camelion. Batterien GmbH

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Berliner Volksbank eG
IBAN: DE34 100900007262086008
BIC: BEVODE33

Commerzbank AG
IBAN: DE45 100800000677010100
BIC: DRESDE33

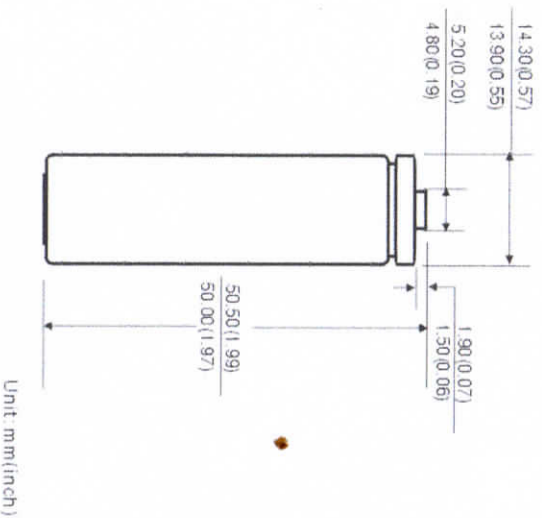
HypoVereinsbank AG
IBAN: DE40 100208900020182032
BIC: HYVEDE33

GF: Dipl.-Ing. Z. Bayrak
AG Berlin HRB 117562 B
UstId.: DE201040558
WEEE-Reg.-Nr. DE 98227694

RECHARGEABLE BATTERY : Nickel Metal-hydride

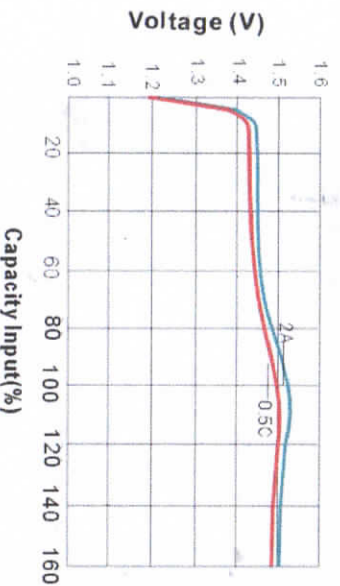
NHAA2500

Dimensions:

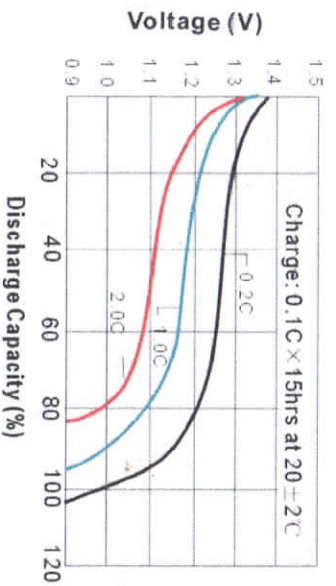


Chemical System	: Nickel Metal-Hydride
Camelion Number	: AA2500
Average Weight	: 29.5g
Dimension (Φ x H)	: $14.1^{+0.2}_{-0.5}$ x $50.5^{+0.5}_{-0.5}$ mm : $0.56^{+0.1}_{-0.02}$ x $1.99^{+0.02}_{-0.02}$ inch
Nominal Voltage	: 1.2Volts
Nominal Internal impedance	: 25m-ohm @ 1kHz
Capacity(500mA constantly discharge to 1.0V):	
Typical	: 2500mAh
Minimum	: 2300mAh
Max. Charge current	: 2000mA
Max. Discharge current	: 5000mA
Relative Humidity	: $65 \pm 20\%$
Jacket	: Aluminum Foil/PVCL Label

Fast Charge Characteristics



Discharge Characteristics



Charge conditions

Mode	Current	Time	Temperature
Standard	250mA	16.0hrs	0°C~45°C
Quick	750mA	4.0hrs	10°C~45°C
Fast	1000mA	2.5hrs*	10°C~45°C
Trickle	60~90mA	Continuously	10°C~35°C

*It can also be controlled with - ΔV or dT/dt system

- ΔV : 0.5mV
: 0.8°C/min(0.5C to 0.9C)

dT/dt : 0.8-1.0°C/min(1C)

Timer cut off : 120% nominal capacity

Temp. cut off : 55°C

Continuous Overcharge

250mA maximum current for 28 days

No conspicuous deformation and/or leakage

Operating and Storage Temperatures

Charge at 0.1C : 32°F to 122°F (0°C to 50°C)

Discharge at 0.1C : -4°F to 122°F (-20°C to 50°C)

Storage : -40°F to 122°F (-40°C to 50°C)
(6 Months Max.)

-4°F to 95°F (-20°C to 35°C)
(2 Years Max.)

Service life

>500cycles (IEC standard)

Up to 1000cycles (not less than 60% of nominal at 0.1C Charge/0.2C discharge)

Import Notice

The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult your nearest Camelion Sales and Marketing or Distributors or visit the web address: www.camelion.com.