

ARTS Energy's VHT U high temperature Ni-MH series are perfectly suited to emergency lighting and power back-up requirements. With an intermittent charging regime, the design life is 4 years in high temperature environments (up + 50°C).

The VHT AA U 800 cell is designed to accept intermittent charge in a wide range of temperatures (0°C to + 50°C).

The VHT AA U 800 allows a significant reduction in the energy consumption of

To meet customers' requirements, ARTS Energy provides custom-designed and standardised battery packs.

For your battery design and system needs, please contact ARTS Energy's engineers.

### **N** APPLICATIONS

- Emergency lighting (ELU)
- Back-up systems

### **MAIN BENEFITS**

- 4 years life duration at 50°C
- Excellent charge efficiency at high temperatures
- Intermittent charge

### # TECHNOLOGY

- Foam positive electrode
- Plastic bonded metal-hydride negative electrode





VHT AA U 800 High Temperature Series

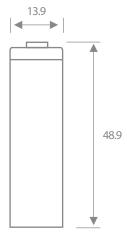
# VHTAA U 800

## High Temperature Series

### **STORAGE**

Recommended:  $+ 5^{\circ}$ C to  $+ 25^{\circ}$ C Relative humidity:  $65 \pm 5 \%$ 

### **IM TYPICAL DIMENSIONS**



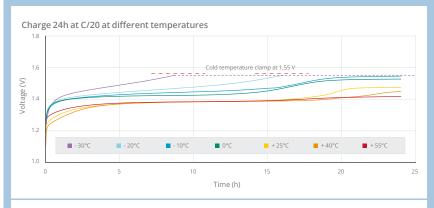
Typical dimensions (mm). Without tube.

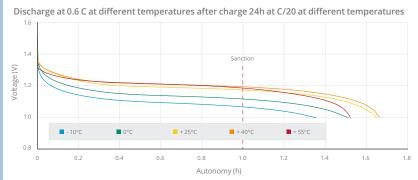
The operation of the battery must strictly be in accordance with ARTS Energy technical recommendations, to obtain the performances stated by ARTS Energy.

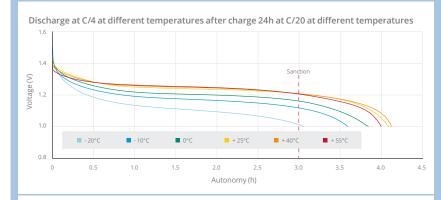
Data is given for single cells. Please consult ARTS Energy for utilisation of cells outside specification.

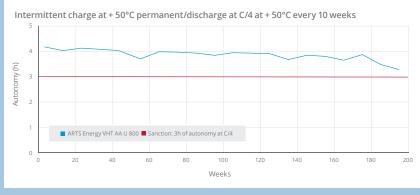
Data in this document is subject to change without notice and become contractual only after written confirmation by ARTS Energy.

#### For graphs shown, C is the IEC, capacity.











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