Ni-Cd VNT C U

ARTS Energy's VNT U high temperature Ni-Cd series are perfectly suited to emergency and security equipment applications. It is designed to accept a permanent charge for a minimum of 4 years in high temperature environments (up +55)C).

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

For your battery design and system needs, please **contact ARTS Energy**.

ELECTRICAL CHARACTERISTICS

Nominal voltage (V)	1.2
Typical capacity (mAh)*	2500
IEC designation	KRMU 26/50
Impedance at 1000 Hz (mΩ)	8

** Charge 16 h at C/10, discharge at C/5.*

DIMENSIONS

Diameter (mm)	25.15 ± 0.15
Height (mm)	41.9 ± 0.2
Top flat area diameter (mm)	12
Weight (g)	68

Dimensions are given for bare cells.

CHARGE CONDITIONS	Temp. (°C)	Current
Standard (16h)	+5 to +55	C/10
Permanent	+5 to +55	C/20

End of Fast charge cut-off is requested: -dV or dT°C/dt

DISCHARGE CONDITIONS

+5 to +55	7.5 A

CYCLING CONDITIONS

ELU applications	1 discharge / month MAX
Back up applicationson	Consult ARTS Energy

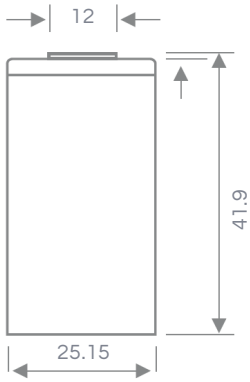
APPLICATIONS

- Emergency lighting
- Back-up systems
- Security devices

MAIN BENEFITS

- Permanent charge
- Good charge efficiency at high temperature
- Superior robustness
- Long life duration

TYPICAL DIMENSIONS



Typical dimensions (mm). Without tube.

STORAGE

Recommended: + 5°C to + 25°C

Relative humidity: 65 ± 5 %

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

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