



RECHARGEABLE  
BATTERY SYSTEMS

**Declaration of design**  
For cells and batteries intended to be used in  
Emergency Lighting luminaires

	Technical Data	International standards Clauses and comments
Name of the manufacturer	SAFT	-
Manufacturer's model	VNT D U HC	-
International designation	KRMU 33/62	IEC 61951-1 § 5.1.2 Amend 2005
Size	D	-
Rated capacity at C/5	4.2 Ah	IEC 61951-1 § 3.3.7 & 7.2.1
Cells intended for permanent charge at elevated temperatures	Yes	IEC 61951-1 § 7.9 IEC 61951-1 § 7.4.2.4 Amend 2005 (test simulating 4 years of permanent charge at +50°C)
Expected operating life under following conditions:  <ul style="list-style-type: none"> <li>• Maximum continuous temperature</li> <li>• Maximum temperature (occasional)</li>   <li>• Permanent Charging current</li> <li>• Typical operating time in discharge at the max rate of :</li> </ul>	> 4 years  +55°C  +65°C  200 mA 1 hour 2.4 A 3 hours 1 A	IEC 60598-2-22 § 22.6.8  IEC 60598-2-22 Annex A.4.2  1 month maximum  IEC 60 598-2-22 - Annex A.4.2 (1997) Discharge cut off 1V according to EN 60598 2-22 table 1

Approved by  
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ISO 9001 : 2000  
Certificat 48031

Conception, développement, production et vente  
d'accumulateurs alcalins, cylindriques étanches et de batteries alcalines et lithium-ion

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