



The VX-100 Battery is an intrinsically safe battery intended for use by the VX-100 RU. The lithium ceramic cells are designed to be ultra-safe level 1-3 meaning no fire, smoke and no leakage after physical impact.

The battery can be charged in Zone 1 with appropriate barrier or in safe zone using a table charger

Technical Specifications

Operating temperature	-25 - +55 °C
Storage temperature	-30 - +70 °C
Charging temperature	0 - +40 °C
Long-time storage	Keep battery within 15-45% state of charge
EX rating	ATEX + IECEx - II 2G Ex ib IIC T4 Gb
Approvals	CE, ATEX and IECEx – EN60079-0 & 11 UN38.3 IEC62133
Battery technology	Lithium Ceramic
Voltage nominal/max	7,5VDC/8.7VDC
Capacity	11700mAh / 87,75Wh
Lifetime	Over 90% capacity after 500 charge cycles
Ingress Protection (IP)	IP66 when inserted into VX-100 RU
Dimensions	210x139x17mm
Weight	Approx. 1,3 kg
Accessories	Docking station with charging (Safe area) Docking station with charging (Zone 1) Dual Battery charger for use in safe area – Can charge two batteries simultaneously
Part number	VR-EXPR0007

Content of datasheet is subject to change without notice.