



RIEGL Add-On Rechargeable Li-Ion Battery RBLI 2900

for RIEGL VZ-i Series 3D Terrestrial Laser Scanners ¹⁾

Key Features

RIEGL provides a lightweight add-on rechargeable battery based on the latest Li-Ion technology for their VZ-i series 3D terrestrial laser scanners ¹⁾.

The RBLI 2900 comes as battery mount with three single AP-RBLI 2903 battery packs inserted, providing 99 Wh each. Battery packs can be easily replaced while the scanner is in use (Hot-Swap capability) – for sustained, uninterrupted operation over several hours. Even with just one battery pack inserted, the RBLI 2900 provides enough power to run the scanner reliably for more than one and a half hour.

¹⁾ Applicable to VZ-400i, VZ-2000i, VZ-4000i²⁵, VZ-6000i²⁶.
For RIEGL VZ series terrestrial laser scanners on demand.

**battery pack AP-RBLI 2903
UN 38.3 certified for air transport**



- » **Hot-Swap capable**
battery packs can be changed individually while scanner in use
- » **4 LEDs** indicating the charging status on each battery pack
- » **separate plug** on the front of the battery mount for charging the battery packs by use of the RIEGL power supply cable
- » **extremely lightweight** setup for applications like accident investigation
- » single battery packs separately available



battery packs can be changed individually while scanner in use

Technical Data RBLI 2900

Technology	Li-Ion 28.8 V ²⁾
Capacity (3x battery pack AP-RBLI 2903)	3 x 99 Wh, 3.45 Ah ³⁾
Weight (with 1 battery pack / with 3 battery packs)	1.5 kg / 2.2 kg
Battery pack life	typ. 500 - 600 charging cycles
Self-discharge per month	~ 8 %
Diameter	173.5 mm
Height	61.3 mm
Mounting interface	W 5/8" and 3 x M6x1
Charging time (for 1-3 battery packs inserted)	3 h

²⁾ The consideration of country-specific transport conditions (especially for air transport) lies fully within customer's responsibility.
³⁾ The value given is the capacity of the battery according to the cell manufacturer's specifications.
The capacity in application is lower.

Operating Time Capacity

	1 battery pack	3 battery packs
VZ-400i (typ. scan @ 1200 kHz "Panorama 50")	typ. 1 h 40 min	typ. 5 h
VZ-2000i (typ. scan @ 50 kHz "long range")	typ. 1 h 35 min	typ. 4 h 45 min
VZ-4000i²⁵ (typ. scan @ 70 kHz)	typ. 1 h 10 min	typ. 3 h 30 min
VZ-6000i²⁶ (typ. scan @ 70 kHz)	typ. 1 h 10 min	typ. 3 h 30 min

