



# RIEGL Add-On Rechargeable Li-Ion Battery RBLI 2900

## for RIEGL VZ-i Series 3D Terrestrial Laser Scanners

### 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 <sup>1)</sup>.

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) 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 <sup>2)</sup>    |
| Capacity (3x battery pack AP-RBLI 2903)             | 3 X 99 Wh, 3.45 Ah             |
| 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.

### 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-4000i <sup>25</sup> (typ. scan @ 70 kHz)  | typ. 1 h 10 min | typ. 3 h 30 min |
| VZ-6000i <sup>26</sup> (typ. scan @ 70 kHz)  | typ. 1 h 10 min | typ. 3 h 30 min |

