

905305 GEB373 Battery Datasheet



Article Number: 905305	Short Name: GEB373
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Technical Data

Voltage: 14,4 Volt	Capacity: 20,1 Ah
Energy Rating: 298Wh	Weight: 2,0 kg
Dimensions: 245,3 x 100,8 x 83,3mm	IP Rating: 67
Amount of Cells: 24 pcs	Battery connector: Lemo 5pin 1B

Environmental Data:

Working temperatures: -20°C to +65°C
Extended working temperatures (Reduced battery performance and reduced cycle life): -35°C to +65°C
Storage Temperatures: -40°C to +70°C
Atmospheric pressure: -1.000m to 8.850m. Inbuilt membrane for air pressure compensation

Storage & Charging

Recommended storage temperatures: +5°C to +35°C
Battery is set to sleep mode till first time of charging
Battery state of charge is 30% in shipping mode
Maximum storage period within recommended storage temperatures before first time of usage: 48 Months
Maximum possible storage period within recommended storage temperatures after first time usage: 15 Months (full charged battery)
Typically charging time GEV242: max 8h

Usage

Powering following Instruments by its designated power cable: All Leica TPS, TS, GS, CS, LS

Certifications & Conformity Declarations

UN 38-3, UL, IS16046-2/IEC62133-2, CE, FCC, KC, BC, BIS, PSE, EAC
WEEE, RoHS, ACPEIP, PAK/PAH, Reach

Battery Monitoring

Battery interface continuous communication with device through 1wire
Impedance-based battery fuel gauging, typical accuracy +/-5%
Automatic cell balancing

Security levels

1 st Level protection by constant monitoring operational status by instrument
2 nd Level protection by constant electronic monitoring and is resettable
3 rd Level protection by non-resettable fuse on PCB
4 th Level protection by non-resettable built-in fuse in cells