VOLTQUADS

Prototype Test Protocol
Climbing & Off-Road Capability

Company registration No. 15502624 VoltQuads Ltd.
Hudscott Manor, Chittlehampton, Umberleigh,
England, EX37 9QP

VAT: GB461820501

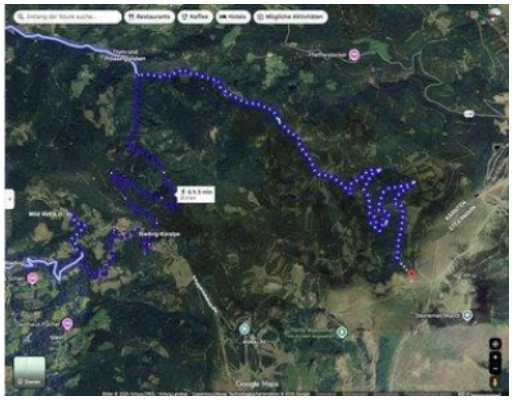
Test #9
Volt Quad Prototype 2026 “Electrified”

Test Driver: Ing. Harald Johannes Klary, Bakk. MSc.
Location: Rieding, Styria, Austria
Outside Temperature: 30–32 °C
Weather: Sunny

Vehicle: Volt Quad Prototype 2026 “Electrified”

Test Route: 20 km alpine mixed-terrain round trip (uphill & downhill) to mountain hut. 2 passengers (200 kg+ total), mixed road and off-road

Test Outcome: Passed



Remarks:

Test #9 – Alpine Hiking Trail: FULL SUCCESS

The test was a complete success. The electric quad kept up effortlessly with a group of 10–15 petrol-powered quads of the 1,000 cc class throughout the entire 20 km round trip. The vehicle required no special treatment and performed on equal terms with the combustion-engine machines under real-world alpine conditions.

All onboard electronics handled the demands without difficulty. Battery, motor, and controller temperatures remained well within safe operating limits at all times. A full photo documentation is provided in Appendix A.

Telemetry – Mid-Route Reading (approx. 10:00)

Dashboard: ACE4 (Controller) Temp: 38 °C • Motor Temp: 60 °C • Battery SOC: 50 %

Battery: 44.94 V • Module 1: 34 °C | Module 2: 35 °C | Module 3: 37 °C • Cell avg ≈ 3.7450 V

Telemetry – End of Route Reading (approx. 14:45)

Dashboard: ACE4 (Controller) Temp: 41 °C • Motor Temp: 57 °C • Battery SOC: 35 %

Battery: 43.78 V • Module 1: 33 °C | Module 2: 33 °C | Module 3: 34 °C • Cell avg ≈ 3.6460 V

Battery Range Assessment

The battery range proved fully sufficient for the route. The vehicle started with a full charge (100 %) and completed the entire 20 km alpine round trip with 35 % battery capacity remaining, confirming substantial range reserve under demanding mountain conditions with two passengers.

Date: _____Signature: _____

Ing. Harald Johannes Klary, Bakk. MSc. (Test Driver)

Appendix A – Photo Documentation
Test #9: Alpine Hiking Trail

▶ Volt Quad Prototype – Rest stop, rear view

▶ Volt Quad Prototype – Mountain hut arrival, side view

▶ Volt Quad Prototype – Alpine panorama, front-left

▶ Volt Quad Prototype – Alpine panorama, front view

▶ Group stop – Electric quad with 1,000 cc petrol quads

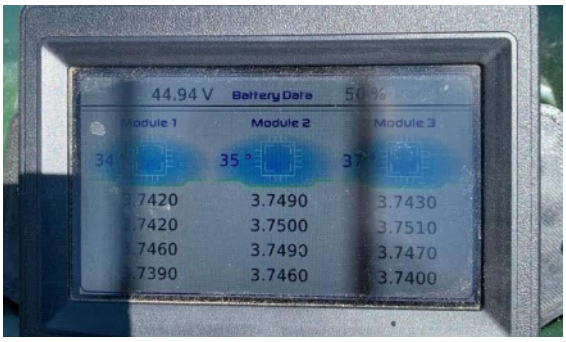
▶ Full group lineup on the trail

Appendix A – Photo Documentation
Test #9: Alpine Hiking Trail

► Mixed fleet parked at trail waypoint

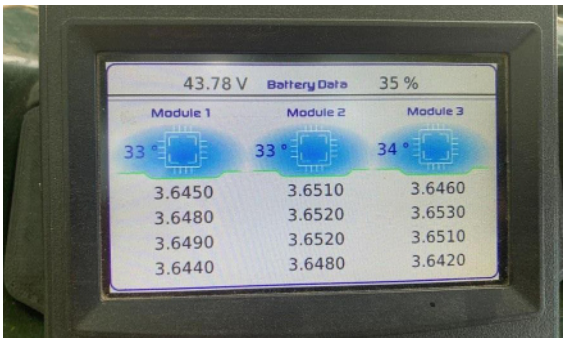
► Group rest stop – Riders and vehicles

► Dashboard mid-route (09:58): ACE4 38°C, Motor 60°C, SOC 50 %



► Battery data mid-route: 44.94 V, 50 %, Modules 34/35/37°C

► Dashboard end of route (14:45): ACE4 41°C, Motor 57°C, SOC 35 %



► Battery data end of route: 43.78 V, 35 %, Modules 33/33/34°C