

Trekinetic GTE Mk II

Technical File



Description

Medical Device classification: Class 1 electric wheelchair for recreational and general use

Configuration: 3 wheel, Monocoque chassis, power chair with manual switch-over

Propulsion: Front wheel propelled Yamaha brushless front wheel hub motor, approx. 125w each.

Wheels: Variable camber front with quick release feature, one rear with front bias detent.

Electrical connector water resist rating: IP 66

Suspension: Nitrogen rear shock absorber, with dual shock absorbing and tilt-in-space function

Joystick: User or attendant: 5 forward speeds and one reverse. USB accessory port, horn, battery level

Battery options: Dry powder (non liquid) Nickel Metal Hydride 24v x160wh or Lithium-ion 25 x160wh

Charger: 110-240v – suits both batteries, NMH with refresh facility..-

Standards met: Essential requirements of EN 12184: refer to same for performance.

Crash tested: Yes to ISO 7176 -19

Certificate of Conformity: Yes to 2017/745/EEC

Number of options (2023): 64

Seat width: 40 and 48 cm

Leg lengths: Standard and Long Leg options, plus adjustable options

Constructed from: Carbon Fibre/Anodised aluminium/Stainless and plated steel/Acetal/ Polypropylene and other plastics/ /Natural Rubber/Textile or natural leather/foam composite upholstery - fire retardant compliant.

Patent Granted features: Tilting and Varicam mechanisms, in USA/UK/Holland/France/Germany/Italy

Dimensions: 114cm L x 71cm W x 90cm H (excl. handlebars)

Weight: 34kg base unit (including NMH battery)

Tyre size: 60-507 front, 47-203 rear. MTB or Smooth. Pneumatic with optional puncture shelding

Derivative of and available from: Derived from 2006 K2. GTE Mk I introduced 2011, Mk II 2018

Number sold (2023): 1431 units incl K2 (est 800 GTE sold)

CE marked: Yes for EU

CA marked: Yes for UK

Google Customer Rating: 4.8/5.0

Known similar products on sale in the EU: None