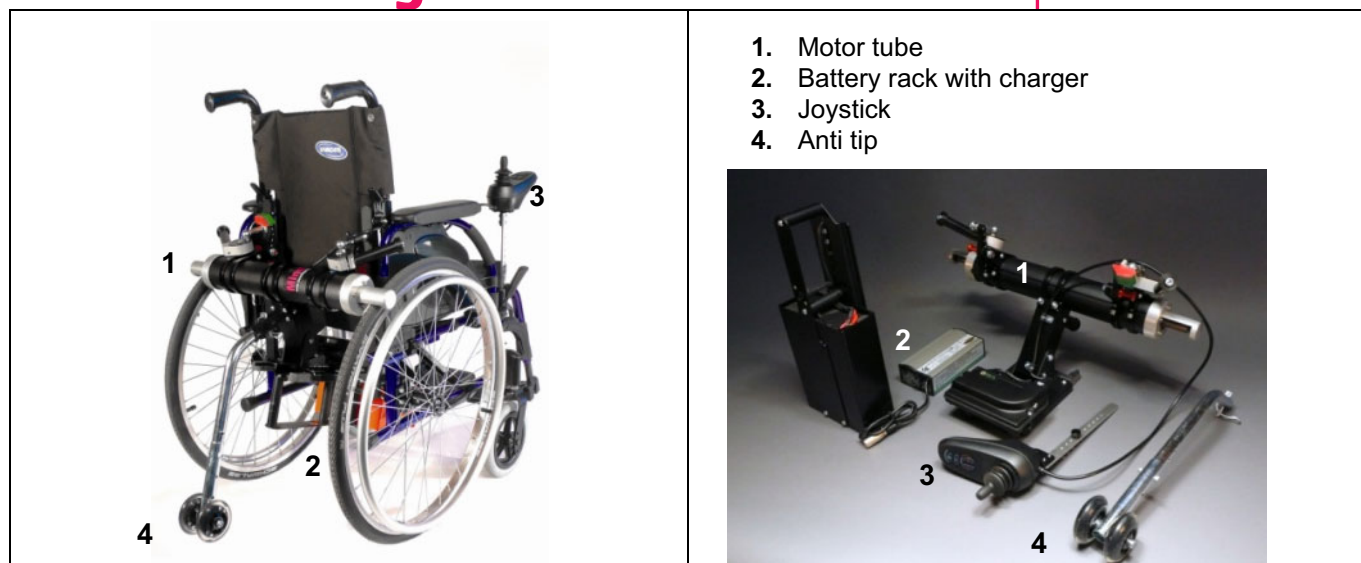


# 'Light Drive' – Technical Specifications



## The motors

The 'Light Drive' motors are equipped with electromagnetic brakes

Motors	Total weight according to joystick
Standard version: 2 x 24v x 100w	VR2 : 8.4 kg
	VSI : 7.8 kg
Lightweight version* : 2 x 24v x 80w	VR2 : 7.8 kg
	VSI : 7.2 kg

\*The lightweight version is intended for people weighing less than 55 kg (8 \_ stone) who use their wheelchair on 'normal' terrain. This reduces the weight of the motor tube by 600 g.

## Battery racks

Model	Weight	Autonomy*	Charge Time	Lifespan
Lead 10Ah 24v	8.5 kg	7 to 9 km	10h	200 cycles (1 to 3 years)
NiMH 8Ah 24v	3 kg	6 to 8 km	4h	600 cycles (2 to 7 years)
NiMH 13.5 Ah 24v	6 kg	10 to 15 km	7h	600 cycles (2 to 7 years)

\*dependent on conditions such as terrain, temperature and weight of the user.

## Miscellaneous

<b>Adaptable wheelchairs</b>	Installation possible on virtually all chairs from 25 cm seat width (9 _ inches).
<b>Maximum weight advised</b>	Approx 100 kg (16 stone) for optimum performance, but can go up to 120 kg (19 stone).
<b>Climb</b>	20% (12°) for a person weighing 70kg (11 stone).
<b>Speed</b>	Adjustable between 0-10 km/h (0-6mph).
<b>Tyres</b>	We recommend Marathon Plus from Schwalbe as they offer excellent traction with our system and have a very thick layer of puncture resistant material. Solid tyres are not compatible.
<b>Front castors</b>	We recommend castors no smaller than 6" in diameter.