

LICHT
Be Light For Lighter

CRUZ WHEELZ 2.0



LICHT

Aviation-Certified, Universal Fit Effortless Power, On Land and Air. Lightweight Electric Conversion, Your Way.

1. Ultra-Lightweight & Portable

Only 5.2kg per wheel – 40% lighter than other competitors. Carry, store, and travel effortlessly.

2. Extended 20km Range + Air/Cruise Certified

Powered by an 6Ah aviation-certified lithium battery (tested to UN38.3 standards), Airplane or cruise worry-free – your battery is globally travel-approved.

3. Quick-Release Installation & Mode Switch

Attach/remove in seconds with the quick-release pin. Instantly toggle between Electric and Manual modes via the hub-mounted rotary switch.

4. Space-Smart Integrated Design

Fully integrated gear-brake hub motor eliminates bulky parts. Streamlined, compact, and visually refined for modern wheelchairs.

5. Universal Compatibility

Fits >90% of global rigid/folding wheelchairs. No complex adaptors – your wheelchair, empowered.

6. Personalize Your Ride

Multiple color combinations – match your style or wheelchair. Mobility meets self-expression.



KEY SPECIFICATION

DRIVE SYSTEM		REAR WHEEL DIRECT DRIVE
Unit Weight(Without battery)		5.2kg/Wheel
Steering System	Controller	Joystick
	Assistant Controller	Manual Steering(Electric and manual switchable)
Drive Motor		24V 140W x 2
Max. Travel Speed		7km/h
Max. Loading Capacity		128kg
Manual/Electric Switch		Yes
Operating Temperature		-20°C ~ +50°C
Battery	Voltage	Lithium Battery 24V 6Ah(can be upgraded to 8Ah)
	Weight	1.4kg for 6Ah
	Waterproof grade	IPx4
Charger	Time for chargeing	4 hr
	Charging temperature	0°C ~ 40°C
	Charger	24V 2A
Continuous Travel Range		15km(6Ah Battery; When passenger is 125kg and speed is 7km/h) 20km(8Ah Battery; When passenger is 125kg and speed is 7km/h)

Handrim



Silver



Black

Spoke



Silver



Black

Hub motor cover



Silver



Black



Gray



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