



i BOT DATA SHEET 01_2024

The **smartest e-Mobility** for people with musculoskeletal disorders.



HS 18.51.05.3006

ELECTRICAL WHEELCHAIR		Modell: BBR-LY-01-01
CHASSIS		
Metal Structure	Chromoly steel galvanized, Surface powder coated	
Bodywork	Aeormatic PolyCarbonat, Surface white high class	
DIMENSIONS		
Unfold	L: 1005 mm W: 590 mm H: 930 mm	
Fold	L: 830 mm W: 590 mm H: 370 mm	
Packing Box	L: 960 mm B: 700 mm H: 420 mm	
Seat width	52,00 cm	
Seat depth	52,00 cm	
Back height	52,00 cm	
Seat angle	7°	
Cushion width	42,00 cm	
Cushion depth	42,00 cm	
Back rest height	48,50 cm	
Back rest angle	16°	
Lenght	100,50 cm	
Width	59,00 cm	
Height	93,00 cm	
Ground Clearance	7,00 cm	
Total weight incl. battery	36,6 kg	
Max. Load	120 kg	



we keep you moving !

WHEELS	
Front	10" OMNI Bi-Directional
Rear	10" Luftreifen
Obstacle-crossing height	5,00 cm
Gaps	10,00 cm
Turning Circle	73,00 cm
BRAKE SYSTEM	
Front	Electromagnetic Brakes + EABS
Rear	Electromagnetic Brakes + EABS
Safety System	Automatic brake function by "Hand off the Joystick"
Braking Distance (dry conditions)	0,60 m
Braking Distance (wet conditions)	0,70 m
ENERGY SETUP	
Battery	Lithium
Voltage	24V
Power	20 AH
IP Rating	IPX4
Weight	3,6 kg
Charger	110V - 240V AC
Charging Time	3 hours
MONITORING	
Joy Stick 360°	VR-2
Electronic Lock	Existing
POWER SYSTEM	
Speed max.	6 kmh
Range	35 km
Gardient angle up hill	12°
Gardient angle down hill	15°
E-Motor	Eveons Micro Controller
Power	2x 200W
LIGHTING	
Tail light	LED
Front light	LED (optional)
Display LCD	Battery Load , Speed, Modus, Error Message
CERTIFICATION	
HS Code	18.51.05.3006
Class	B
CE conformity certificate	Existing

