

BENOIT SYSTEMES has been offering mobility solutions for wheelchair users since 1994 in France.

LIGHT DRIVE2.1 is a lightweight power add-on which turns manual wheelchairs into ultralight power chairs. Thanks to its robust and reliable technology, users will experience increased mobility in everyday life, on almost any terrain indoor and outdoor. Attached and detached in seconds, compact and easily transportable in any vehicle, it will give wheelchair users independence to go where they want.



The Light Drive2.1 suits people with inability to walk or with restricted mobility due to:

- ▶ Paralysis
- ▶ Limb loss (e.g. leg amputation)
- ▶ Limb problem or deformity
- ▶ Articulations contractures or injuries
- ▶ Strokes and cerebral lesions
- ▶ Neurological disorders (e.g. multiple sclerosis, Parkinson's disease...)
- ▶ Illnesses like heart and circulatory defects, balance disorders or cachexia
- ▶ Elderly people.

COMPONENTS

- ▶ Power add-on
- ▶ Joystick
- ▶ Battery
- ▶ Charger
- ▶ Anti-tip

OPTIONS

- ▶ Car charger
- ▶ Dual attendant control
- ▶ Mudguards

Ultralight hook bars and a controller bracket are permanently attached to the wheelchair. They will not change the overall dimensions or the folding ability of the wheelchair.

TECHNICAL DETAILS

POWER PACK WEIGHT	8.8 kg
MINIMUM DIMENSIONS OF THE LIGHT DRIVE2.1	510 x 300 x 275 mm (height changes depending on clutch handle)
USER'S MAX. WEIGHT	120 kg
MAXIMUM WEIGHT	150 kg (excluding Light Drive)
MAX. SPEED	10 km/h (programmable)
POWER	2 motors of 130W with holding brakes
MAX. SLOPE FOR SAFE CLIMBING	6° (11%)
MAXIMUM HEIGHT OF OBSTACLE	6 cm
ADAPTABILITY	see compatibility guide

COLORS

15 colors are available for the central tube:

CLASSIC

- BLACK
- WHITE
- BLUE
- RED
- KHAKI

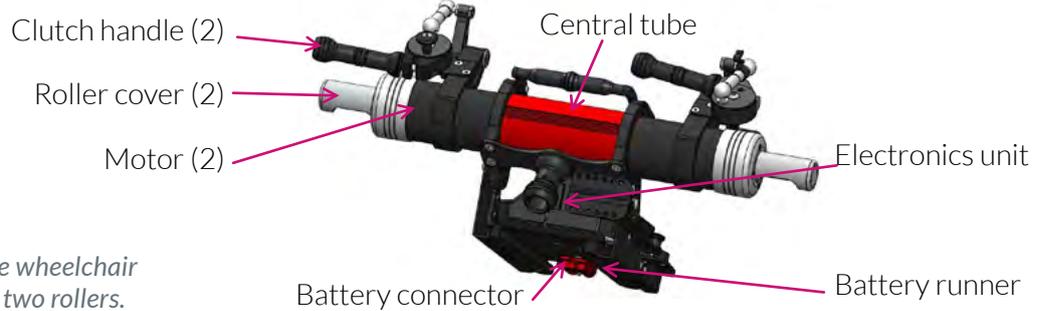
METALLIC

- MIDNIGHT BLUE
- GREY
- SILVER
- COPPER
- CHAMPAGNE GOLD

TRENDY

- SKY BLUE
- PINK
- GREEN
- YELLOW
- ORANGE

OVERVIEW



Two motors drive the wheelchair rear wheels through two rollers.

BATTERY

The Lithium ion battery connects automatically when you slide the battery rack on the support.

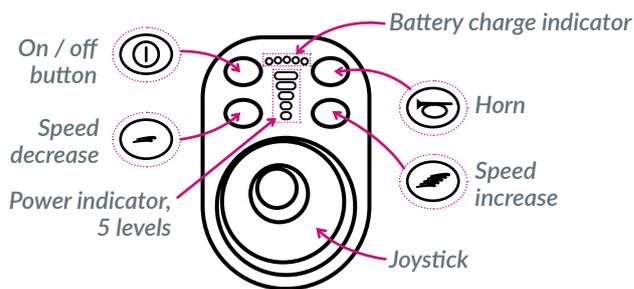


Compatible with IATA regulations for air transport (01/01/2021)

LITHIUM ION BATTERY	12Ah 297 Wh
WEIGHT	3.85 kg
RANGE*	15 to 18 Km
RECHARGE TIME	5 to 6h when battery is empty
LIFE SPAN	1000 cycles (on average 4 years)

* Range depends on terrain, temperature and weight of the user.

JOYSTICK



DUAL ATTENDANT CONTROL (OPTION)



The dual attendant control stands on the left or right rear handle of the wheelchair.

CHARGER

Lithium ion 24V battery charger (MASCOT).
There are 2 ways of recharging the battery :
▶ Directly through the red connector
▶ Through the joystick, without removing the battery

MISCELLANEOUS

We recommend equipping your chair with SCHWALBE Marathon Plus tyres. Front castors should be minimum 6"

WARRANTY

24 months for power pack, battery and charger

BENOIT SYSTEMES reserves the right to modify these specifications without prior notice.