

BENOIT SYSTEMES

Autonomy is power

THE LIGHT RANGE

LIGHTWEIGHT, VERSATILE,
QUIET, COMPACT &
TRANSPORTS EASILY



WWW.BENOITSYSTEMES.COM

POWER PACKS

The company was created by **Robert Benoit in 1994**. As a paraplegic himself he is aware of the needs of wheelchair users and has designed a range truly meant for everyone with practicality and maximum efficiency in mind.

THE FEATURES OF OUR POWER ADD-ONS



Tackles almost any terrain



Suitable for all wheelchairs*



Attached in seconds



Lightweight & transportable



Discreet & unobtrusive design



Colour of your choice



Indoors / outdoors



Allowed on airplanes



Third party assistance

*ask us for complex wheelchairs

“

Robust and proven technology with strong backup.

Benoit Systemes, since 1994

”



HOW DOES IT WORK ?

Our power add-on will not change either the overall dimensions of the chair, the folding ability nor the center of balance.

SETTING UP IN 20 SECONDS

Place the power add-on on the hooks of the wheelchair.



Slide the battery rack on the support, the connection is automatic.



Establish the corresponding command on the bracket installed on your wheelchair.



OPERATION



Two motors drive directly the wheels in any direction - no turning and reverse limitations. It is possible to disengage and to roll freely in manual mode.



The initial balance of the wheelchair is kept, a removable anti-tip foot guarantee the stability.

THE LIGHT DRIVE²

USER
operated



WHEELCHAIR POWER ASSISTANCE MADE EASY

- Turn your manual wheelchair into an ultra-light power chair in seconds
- Transports easily in any vehicle
- Independence to go where you want
- By releasing the clutch you can free wheel giving you the choice when to use it



THE LIGHT ASSIST²

COMPANION
operated



A POWERFUL & COMPACT ATTENDANT CONTROLLED POWER PACK

- Effortless pushing of the wheelchair for the attendant
- Efficient and safe maneuvers: speed control and braking aid
- Journeys become easier



Power add-on
Light Drive²



Joystick



Handle

Power Add-on
Light Assist²



MINI LIGHT DRIVE²



A SMALL VERSION FOR
CHILDREN FROM AS
YOUNG AS 2 YEARS OLD*

- Instinctive, simple and easy to drive
- Encourage children's independence to help with the social development
- Can be refitted as the child grows

*Minimum 36cm between the wheels



TECHNICAL DETAILS

	Weight*	Motors
Light Drive ²	8,8 kg (19,4 lbs)	2 x 24 v x 130 W
Mini Light Drive ²	7,4 kg (16 lbs)	2 x 24 v x 130W
Light Assist ²	8,1 kg (17,8 lbs)	2 x 24 v x 130 W

*May vary slightly due to variations in components.

SPECIFICATIONS

Max weight (occupant)	120kg
Max speed	10kph
Climbing ability	20% gradient based on 70kg person
Battery	Lithium ion battery (accepted for air travel by IATA)
Brakes	Motor also acts as a downhill brake



Our power add-on is available in 7 different colors

BATTERY

LITHIUM BATTERY COMPLIES
WITH IATA REGULATIONS 2018

(International Air Transport Association)

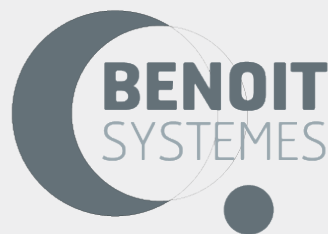


Model	Lithium Battery 297,6 Wh - 12 Ah
Weight	3,85kg (8,5 lbs)
Range*	12 to 16 km (7,4 to 9,9 mph)
Recharge time	5 to 6h
Life span	1000 cycles (ffl 4 years)

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



Power add-on
Mini Light Drive²



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Compliant with the applicable CE



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