



CYCLIC BATTERIES

E-BIKE BATTERIES

All batterypacks for electric bikes (E-bikes), scooters, wheelchairs, ...

In comparison with other rechargeable batteries, rechargeable Lithium-Ion batteries provide better performances such as : higher capacity, higher energy density, no memory effect, longer cycle life, faster charging and low self discharge.

Therefore Lithium-Ion batteries offer you longer working time/ autonomy, smaller sizes, lighter weight & shorter charging time.

The batteries are available in aluminum and plastic housing.

We can supply all types of Lithium-Ion batteries for electric bikes, wheelchairs, ...



The 6 most common types are :

1

FROG - MODEL
(saddle fixing type)



2

SLIVER FISH - MODEL
(slide-in type)



3

REAR RACK - MODEL
(back carrier type)



4

PVC REAR RACK - MODEL
(back carrier type)



5

KETTLE - MODEL
(for water kettle position)



6

PVC KETTLE - MODEL
(for water kettle position)



Li-ion (Lithium-Ion) batteries have the following advantages in comparison with other older battery technologies :

- Longer lifetime = **more cycles !**
- Lighter in weight : **3 x lighter** than lead-acid batteries
- **Better for the environment** than lead-acid : ECO friendly
- The complete battery capacity is available (no memory-effect)
- Flat discharge characteristic, nominal tension is kept regardless the state of charge
- Intermediate charging is no problem !



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The Lithium-Ion battery packs are available in LiFePO4 or in LiMnO2 technology.

This means that the battery is assembled with battery cells of the following chemical technology :

LiFePO4 = Lithium Iron Phosphate

- Longer lifetime : 2000 cycles (80%DOD)
- Smaller energy density
- Very safe in use

LiMnO2 = Lithium Manganese Oxide

- Lighter in weight
- Lifetime : 800 cycles (80% DOD)
- Higher energy density
- Cheaper
- Safe

top quality

Many more models available upon request. Ask for our specifications.

Battery charger included

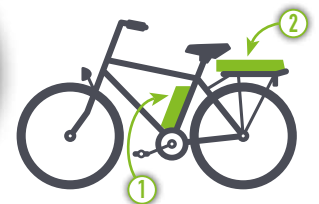


*Optional : Battery Holder

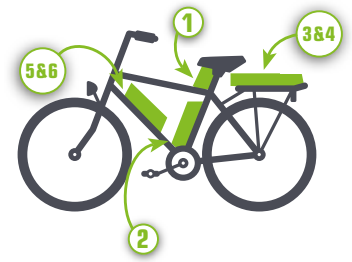
Can be used together with the Rear Rack Type
 To be used with Rear rack with contr. case :
 LIT/01.03.0004
 To be used with Rear rack :
 LIT/01.03.0006 (standard length)
 LIT/01.03.0005 (adapted length)



Double your capacity!



On demand we can double the capacity by installing a **SECONDARY BATTERY** on your e-bike. Contact us for more information and conditions.



Model	LiFePO4 = Lithium Iron Phosphate - batteries			LiMnO2 = Lithium Manganese Oxide - batteries		
	24V	36V		24V	36V	48V
1 Frog	 10Ah 260 x 150 x 85 mm LIT/01.02.0003	 12Ah 260 x 150 x 85 mm LIT/01.02.0016		 10Ah 260 x 150 x 85 mm LIT/01.01.0003	 10Ah 260 x 150 x 85 mm LIT/01.01.0009	 11Ah 245 x 105 x 75 mm LIT/01.01.0054
2 Sliver Fish	 10Ah 88 x 86 x 355 mm LIT/01.02.0006	 10Ah 75 x 110 x 425 mm LIT/01.02.0002	 12Ah 85 x 125 x 400 mm LIT/01.02.0007	 10Ah 88 x 86 x 285 mm LIT/01.01.0007	 10Ah 75 x 110 x 335 mm LIT/01.01.0002	 14Ah 75 x 110 x 385 mm LIT/01.01.0010
3 Rear Rack	 10Ah with contr. case 65 x 150 x 365 mm LIT/01.02.0005	 10Ah 65 x 150 x 435 mm LIT/01.02.0001	 12Ah 69 x 149 x 395 mm LIT/01.02.0008	 10Ah with contr. case 65 x 150 x 345 mm LIT/01.01.0006	 10Ah 69 x 149 x 275 mm LIT/01.01.0005	 10Ah with contr. case 55 x 149 x 370 mm LIT/01.01.0001
					 12Ah 69 x 149 x 340 mm LIT/01.01.0011	 14Ah 69 x 149 x 340 mm LIT/01.01.0012
4 PVC Rear Rack	 10Ah 55 x 150 x 340 mm LIT/01.02.0015	-	-	-	 10Ah 340 x 56 x 148 mm LIT/01.01.0053	-
5 Kettle	-	-	-	 10Ah 90 x 320 mm LIT/01.01.0044	 10Ah 90 x 390 mm LIT/01.01.0045	-
6 PVC Kettle	-	-	-	-	 10Ah 338 x 130 x 87 mm LIT/01.01.0049	 12Ah 338 x 130 x 87 mm LIT/01.01.0050
					 14Ah 338 x 130 x 87 mm LIT/01.01.0051	 14Ah 338 x 130 x 87 mm LIT/01.01.0052