



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 batterypacks are available in LiFeP04 or in LiMn02 technology.

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

LiFeP04 = Lithium Iron Phosphate

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

LiMn02 = Lithium Manganese Oxide

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

Battery charger included



top quality

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



*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.

| | | LiFePO4 = Lithium Iron Phosphate – batteries | | | LiMnO2 = Lithium Manganese Oxide – batteries | | |
|---------------------------|--|--|--|--|--|---|--|
| Model | 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 with contr. case 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 | - |
| 4 PVC Rear Back |  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/01.01.0052 |
| | | | | |  14Ah 338 x 130 x 87 mm LIT/01.01.0051 | | |