

The 3 most common types are :

1

FROG - MODEL (saddle fixing type)



2

SLIVER FISH - MODEL (slide-in type)



3

REAR RACK - MODEL (back carrier type)



Battery charger included →



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 !

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

LiFePO4 = Lithium Iron Phosphate – batteries

Frog – model

1

24V 10Ah

- Dimensions : 168.9 x 134.5 x 74 mm
- LIT/01.02.0003
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 29.6V – 2A



Sliver Fish – model

2

24V 10Ah

- Dimensions : 80 x 80 x 350 mm
- LIT/01.02.0006
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 29.6V – 2A

36V 10Ah

- Dimensions : 77 x 110 x 395 mm
- LIT/01.02.0002
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 44.4V – 2A



36V 12Ah

- Dimensions : 75 x 110 x 450 mm
- LIT/01.02.0007
- Continuous discharge current : 12A
- Peak discharge current : 24A
- Charger input : 110-240V – output : 44.4V – 2A

Rear Rack – model

3

24V 10Ah

*Battery holder is optional

- Dimensions : 77 x 148 x 350 mm
- LIT/01.02.0005
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 29.6V – 2A

36V 10Ah

- Dimensions : 70 x 148 x 365 mm
- LIT/01.02.0001
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 44.4V – 2A



36V 12Ah

- Dimensions : 70 x 110 x 450 mm
- LIT/ 01.02.0008
- Continuous discharge current : 12A
- Peak discharge current : 24A
- Charger input : 110-240V – output : 44.4V – 2A



LiMnO2 = Lithium Manganese Oxide – batteries

Frog – model

1

24V 10Ah

- Dimensions : 168.9 x 134.5 x 74 mm
- LIT/01.01.0003
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 29.4V – 2A



Sliver Fish – model

2

24V 10Ah

- Dimensions : 80 x 80 x 350 mm
- LIT/01.01.0007
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 29.4V – 2A

36V 10Ah

- Dimensions : 75 x 110 x 395 mm
- LIT/01.01.0002
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 42V – 2A



36V 14Ah

- Dimensions : 75 x 110 x 450 mm
- LIT/01.01.0010
- Continuous discharge current : 14A
- Peak discharge current : 28A
- Charger input : 110-240V – output : 42V – 2A

*Optional : Battery Holder

Can be used together with the Rear Rack Type

To be used with Rear rack 36V battery :
LIT/01.03.0001
To be used with Rear rack 24V battery :
LIT/01.03.0002



Rear Rack – model

3

24V 10Ah

*Battery holder is optioneel

- Dimensions : 70 x 148 x 350 mm
- LIT/01.01.0006
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 29.4V – 2A

36V 10Ah

- Dimensions : 70 x 148 x 365 mm
- Housing not foreseen with storage compartment for the controller
- LIT/01.01.0005
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 42V – 2A



36V 10Ah

- Dimensions : 45 x 150 x 523 mm
- LIT/01.01.0001
- Continuous discharge current : 10A
- Peak discharge current : 20A
- Charger input : 110-240V – output : 42V – 2A



36V 12Ah

- Dimensions : 65 x 150 x 400 mm
- LIT/01.01.0011
- Continuous discharge current : 12A
- Peak discharge current : 24A
- Charger input : 110-240V – output : 42V – 2A

36V 14Ah

- Dimensions : 65 x 150 x 425 mm
- LIT/01.01.0012
- Continuous discharge current : 14A
- Peak discharge current : 28A
- Charger input : 110-240V – output : 42V – 2A

