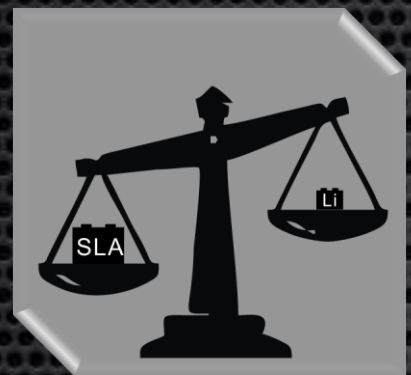


E-Bike Battery Series

Professional E-Bike Battery Manufacturer



Why Choose Lithium-ion Batteries?



Lighter Weight



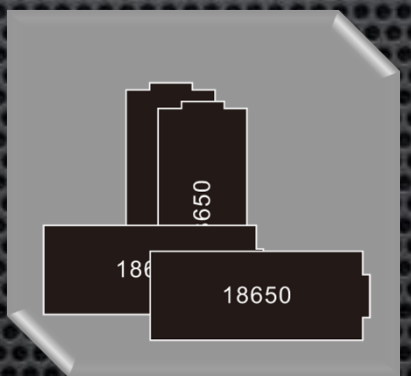
Smaller Volume



Longer Cycle Life



Wider Temperature Adaptability



Flexible Assembly



Environmentally Friendly

Comparison of Different Battery Technology

Parameters	SLA	Li-NCM	LiFePO4
Weight Energy Density	low	higher	high
Volume Energy Density	low	higher	high
Cycle life (1C/100%DOD/80% remain)	300	800	2000
Cycle life (1C/80%DOD/80% remain)	500	1200	3000
Cell Nominal Voltage	2.0V	3.6/3.7V	3.2V
Cell Voltage Range	1.7~2.3V	2.75~4.2V	2.5V~3.65V
Low Temp Performance	Very Poor	Better (-20°C/0.5C: 80%)	Good(-20°C/0.5C: 50%)
High Temp Performance	Very Poor	Good	Better

Advantage:

- High energy density
- Safe and stable function
- Cheap price

Disadvantage :

- Shorter life cycle
- Unstable at high temperature

Li-NCM

LiFePO4

VS

Advantage:

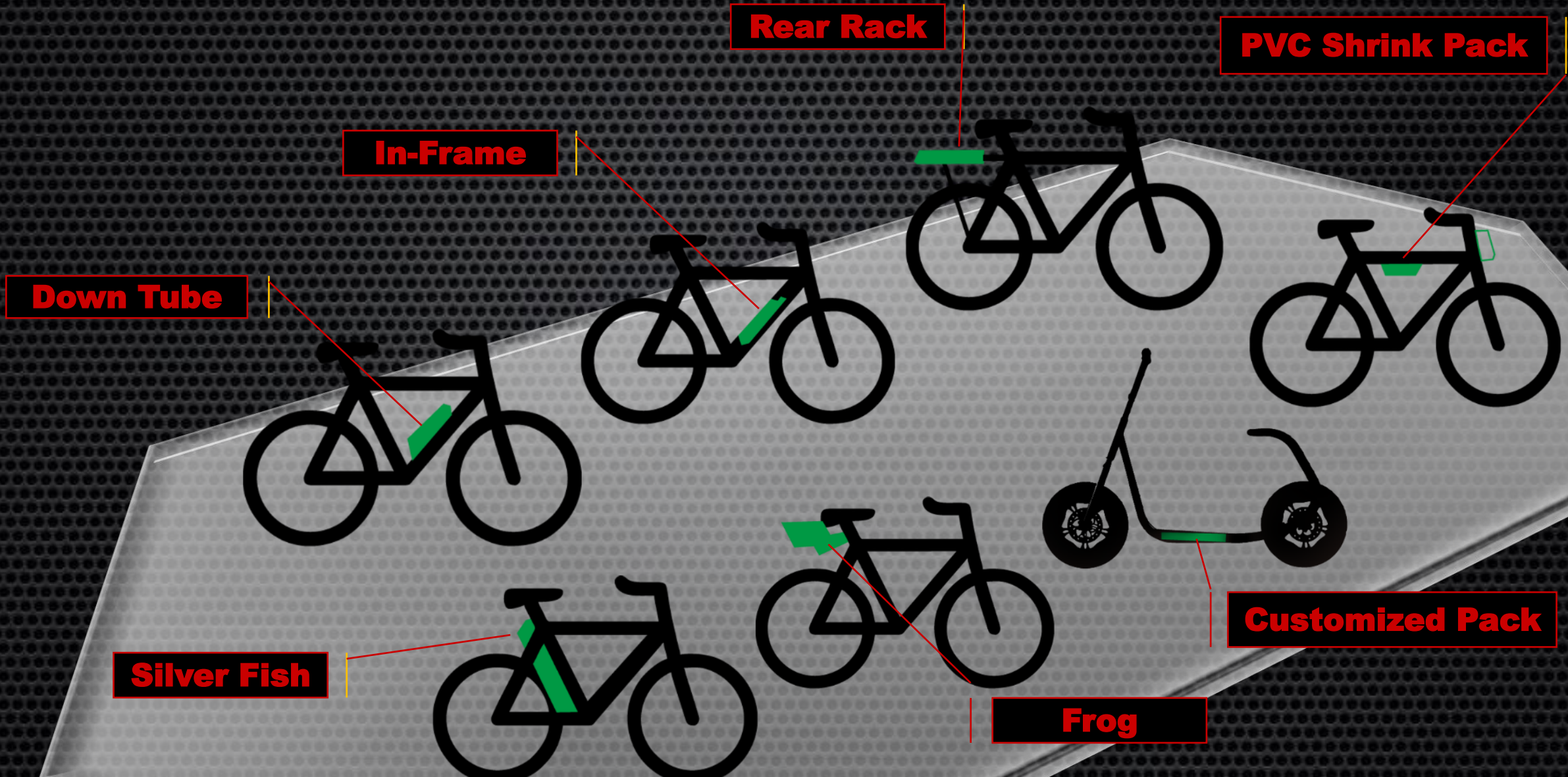
- Longer cycle life
- Fast charge
- Wide working temperature ranges

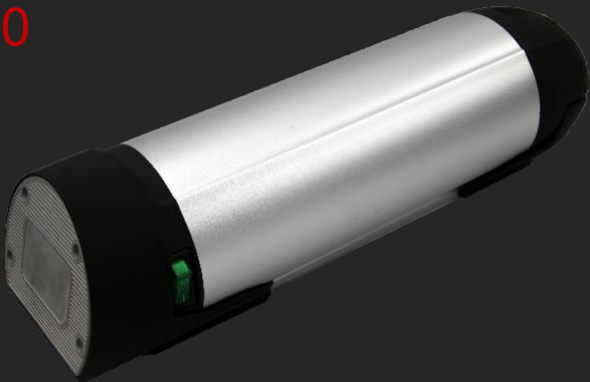

Disadvantage:

- Higher price
- Lower energy density

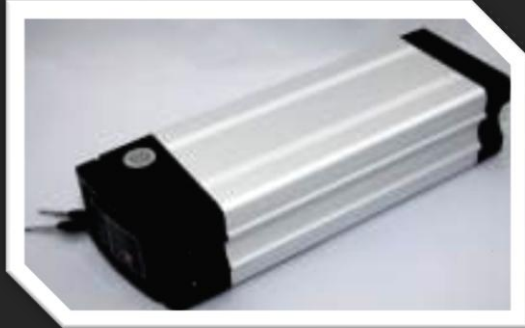



E-Bike Battery Products



Chemistry	Li-NCM			
Nominal Voltage	36V	24V	36V	24V
Rated Capacity	8.8Ah	13Ah	11Ah	15Ah
Configuration	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S6P	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S7P
Max. Continuous Discharge Current	20A			
Recharge Voltage	42V	29.2V	42V	29.2V
Size	91(φ)x330 		360x95x130mm 	
Weight	3.2kg	3.3kg	3.42kg	3.37kg
Discharge Port	Match with controller box			
Charge Port	DC Port			

Down Tube


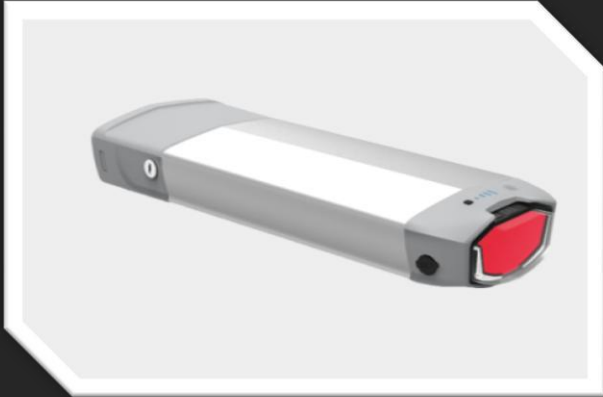
Chemistry	LiFePO4	Li-NCM		
Nominal Voltage	36V	48V	36V	24V
Rated Capacity	9.6Ah	13Ah	11Ah	15Ah
Configuration	26650-3.2-3200 12S3P	18650-3.6-2200 13S6P	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S7P
Max. Continuous Discharge Current	20A			
Recharge Voltage	43.8V	54.6V	42V	29.2V
Size	121.1x86.3x365mm 		89.7x88.7x367mm 	
Weight				
Discharge Port	From bottom		From Bottom/Top	
Charge Port	XLR 3 pin connector			

Silver Fish

Chemistry	Li-NCM			
Nominal Voltage	36	24	36V	24V
Rated Capacity	8.8Ah	13Ah	11Ah	15Ah
Configuration	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S6P	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S7P
Max. Continuous Discharge Current	20A			
Recharge Voltage	42V	29.2V	42V	29.2V
Size	407x67x87mm			
Weight	3.2kg	3.3kg	3.42kg	3.37kg
Discharge Port	Match with the bike frame			
Charge Port	DC Port			



In-Frame

Chemistry	Li-NCM			
Nominal Voltage	36V	24V	36V	24V
Rated Capacity	11Ah	15Ah	11Ah	15Ah
Configuration	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S7P	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S7P
Max. Continuous Discharge Current	20A			
Recharge Voltage	42V	29.2V	42V	29.2V
Battery Pack Size	143.5*40*275mm(internal) 		446*156*67mm 	
Battery Pack Weight	3.2kg	3.3kg	3.42kg	3.37kg
Discharge Port	Match with controller box			
Charge Port	DC Port			

Rear Rack

Chemistry	Li-NCM	
Nominal Voltage	36V	24V
Rated Capacity	11Ah	15Ah
Configuration	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S7P
Max. Continuous Discharge Current	20A	
Recharge Voltage	42V	29.2V
Size	247*147*150m	
Weight	3.2kg	3.3kg
Discharge Port	Match with controller box	
Charge Port	DC Port	



Chemistry	Li-NCM	
Nominal Voltage	36V	24V
Rated Capacity	11Ah	15Ah
Configuration	18650-3.6V-2200 10S5P	18650-3.6V-2200 7S7P
Max. Continuous Discharge Current	20A	
Recharge Voltage	42V	29.2V
Size	Customized	
Weight	3.42kg	3.37kg
Discharge Port	Match with controller box	
Charge Port	DC Port	



PVC Shrink

Accessories



PLUG (FEMALE)



5PIN PLUG(MALE&FEMALE)



4PIN PLUG(FEMALE)



ISRAEL PLUG(MALE&FEMALE)



PLUG II (MALE)