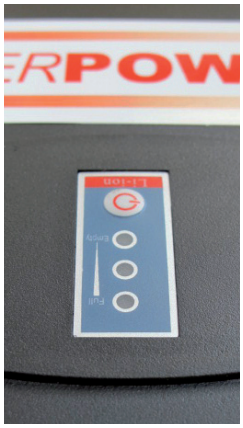
ENERPOWER

THE FROG

eBIKE Rigid Battery Pack



Model No.	FR24V11A	FR24V13A	FR24V145A	FR36V8.8A	FR36V10.4A	FR36V11.6AHD
Cell Brand	Samsung SDI	Samsung SDI	Samsung SDI	Samsung SDI	Samsung SDI	Samsung SDI
Cell Code	INR18650-22P	ICR18650-26H	INR18650-29E	INR18650-22P	ICR18650-26H	INR18650-29E
Chemistry	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Voltage	24 V	24 V	24 V	36 V	36 V	36 V
Capacity	11 Ah	13 Ah	14.5 Ah	8.8 Ah	10.4 Ah	11.6 Ah
Rate	277Wh	328Wh	365Wh	317 Wh	375 Wh	418 Wh
Configuration	7S5P	7S5P	7S5P	10S4P	10S4P	10S4P
Inner Resistance	≤75 mΩ	≤75 mΩ	≤75 mΩ	≤75 mΩ	≤75 mΩ	≤75 mΩ
Charge Voltage Limit	29.4 V	29.4 V	29.4 V	42 V	42 V	42 V
Continuous Discharge Current	15 A	15 A	15 A	15 A	15 A	15 A
10min Discharge Current	18 A	18 A	18 A	18 A	18 A	18 A
5sec Discharge Current	35 A	35 A	35 A	35 A	35 A	35 A
Size	170x 140 x 72mm	170x 140 x 72mm	170x 140 x 72mm	170x 140 x 72mm	170x 140 x 72mm	170x 140 x 72mm
Weight	2.30 kg	2.30 kg	2.30 kg	2.30 kg	2.30 kg	2.30 kg
Operate Temp. Charge	0~45 C°	0~45 C°	0~45 C°	0~45 C°	0~45 C°	0~45 C°
Operate Temp. Discharge	-20~60 C°	-20~60 C°	-20~60 C°	-20~60 C°	-20~60 C°	-20~60 C°
Storage Temp.	-20~40 C°	-20~40 C°	-20~40 C°	-20~40 C°	-20~40 C°	-20~40 C°
Cycle Life	Min. 500 Times	Min. 500 Times	Min. 500 Times	Min. 500 Times	Min. 500 Times	Min. 500 Times
PCB Safety Function	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection

ENERPOWER

SILVER FISH

eBIKE Rigid Battery Pack

Model No.	SF24V11A	SF24V13A	SF24V145A	SF36V8.8A	SF36V10.4A	SF36V11.6AHD
Cell Brand	Samsung SDI	Samsung SDI	Samsung SDI	Samsung SDI	Samsung SDI	Samsung SDI
Cell Code	INR18650-22P	ICR18650-26H	INR18650-29E	INR18650-22P	ICR18650-26H	INR18650-29E
Chemistry	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Voltage	24 V	24 V	24 V	36 V	36 V	36 V
Capacity	11 Ah	13 Ah	14.5 Ah	8.8 Ah	10.4 Ah	11.6 Ah
Rate	277Wh	328Wh	365Wh	317 Wh	374 Wh	418 Wh
Configuration	7S5P	7S5P	7S5P	10S4P	10S4P	10S4P
Inner Resistance	≤75 mΩ	≤75 mΩ	≤75 mΩ	≤75 mΩ	≤75 mΩ	≤75 mΩ
Charge Voltage Limit	29.4 V	29.4 V	29.4 V	42 V	42 V	42 V
Continuous Discharge Current	15 A	15 A	15 A	15 A	15 A	15 A
10min Discharge Current	18 A	18 A	18 A	18 A	18 A	18 A
5sec Discharge Current	35 A	35 A	35 A	35 A	35 A	35 A
Size	385x110x75 mm	385.00 x 110.00 x 75.00 mm	385.00 x 110.00 x 75.00 mm	385.00 x 110.00 x 75.00 mm	385.00 x 110.00 x 75.00 mm	385.00 x 110.00 x 75.00 mm
Weight	2.50 kg	2.50 kg	2.50 kg	2.70 kg kg	2.70 kg	2.70 kg
Operate Temp. Charge	0~45 C°	0~45 C°	0~45 C°	0~45 C°	0~45 C°	0~45 C°
Operate Temp. Discharge	-20~60 C°	-20~60 C°	-20~60 C°	-20~60 C°	-20~60 C°	-20~60 C°
Storage Temp.	-20~40 C°	-20~40 C°	-20~40 C°	-20~40 C°	-20~40 C°	-20~40 C°
Cycle Life	Min. 500 Times	Min. 500 Times	Min. 500 Times	Min. 500 Times	Min. 500 Times	Min. 500 Times
PCB Safety Function	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection	Cell balancing Over-charge Over-discharge Over-current protection Temperature protection Secondary protection