



RFN

APOLLINO

OFF-ROAD ELECTRIC MOTO MENTOR

RFN By Apollino



We are RFN, a motorcycle company with more than 20 years of history:
Since 2003 we have specialized in electric bikes for the youngest riders:
motocross, trials and superbikes.





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YOUTHS

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ADULTS

| 18 |



Zhejiang Apollo Sports Technology Co., Ltd. - Company Profile

Zhejiang Apollino Sports Technology Co., Ltd. is a global manufacturing company with over 20 years of expertise in the off-road motorcycle industry. We are dedicated to providing the new generation of riders with the ultimate off-road electric motorcycle experience. We continuously drive technological innovation and are committed to building a global riding community. Our core values are exceeding customer expectations, sharing wealth creation, and fulfilling environmental responsibilities, providing a professional platform for off-road electric products and services to users worldwide.

Global Presence and Brand Influence

Apollino products are available in more than 75 countries worldwide. Our gasoline-powered sub-brands, including AM®, RXF®, and RFZ®, enjoy a strong reputation in international markets, showcasing our deep roots and expertise in the off-road sector. In response to the new generation's demand for sustainable technology and personalization, our electric brand RFN® is positioned as the "Off-Road Electric Motorcycle Mentor." We actively integrate AI technology and other advanced innovations, developing a comprehensive range of off-road products for riders from ages 3 to adults. Our focus on high aesthetics, lightweight design, high cost-performance, and ultimate user experience ensures our products are safe, reliable, and passionately engaging, providing users with a profound spiritual experience.

Market Insights and Brand Spirit

Apollino's success in the global market is not only based on stringent product quality control but also on our keen insights into market trends and a deep understanding of the new generation's needs. Through the establishment of Apollino Off-Road Space Stations, we promote our "Products + Scenario + Service" business model worldwide. This model continually optimizes the user experience and promotes the brand spirit of "Be Braver," actively fostering the culture of off-road riding.

Future Outlook

Looking ahead, Apollino will continue to focus on technological innovation and sustainable practices, attracting top innovative talent from around the world. We are committed to establishing a world-leading electric motorcycle research and development center. Our goal is to offer users a diverse range of high-aesthetic, lightweight, and high-performance electric motorcycles. We believe that as Apollino continues to grow, we will inspire every rider's passion, embarking on a journey filled with speed, passion, innovation, and freedom, exploring the limitless possibilities of the future. Ultimately, we aim to establish Apollino as a global leader in the off-road electric motorcycle industry.



Factory in China: 60000 M²



ISO 9001 ISO 14001 ISO 45001



In-house R+D Centre



Aftersales service & spare parts



Designed in our R+D department | Manufactured in our Smart Factory assembly line | Quality control procedures in our test bench

Procedures all-in-one: we design, we built and we test

KIDS

KIDS: ELECTRIC MOTOCROSS

Our KIDS bikes are more than just vehicles—they are companions in every child's journey of growth and adventure. Designed to grow with young riders, our bikes are crafted to inspire confidence, nurture skills, and ignite a lifelong passion for exploration.

Starting with WARRIOR KIDS, our entry-level series for children aged 3 to 6, we focus on safety, simplicity, and fun. These bikes are built to help young riders take their first steps into the world of electric motocross, with lightweight designs, adjustable speed modes, and durable construction that ensures a safe and enjoyable experience.



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WARRIOR **KIDS**

SERIES
ONE

SX-E150



SX-E250



SX-E350



SX-E500



SX-**E150**

WARRIOR KIDS

Seat Height 460mm



Wheelbase 665mm

BATTERY CAPACITY

Lithium battery 62.4 Wh

MAX SPEED

13 km/h | 8.1 mph

Second gear speed control device.

SEAT HEIGHT

Standard height (460mm)

Wheel diameter (12/12 2.4 for bicycle)

FEATURES

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 3 to 5



Programmable output
up to 62.4 Wh



Easy & quick replaceable
battery



1 years
global warranty



Environmentally friendly and quiet,
the future of off-road

SX- **E250**

WARRIOR KIDS



Seat Height 460mm

Wheelbase 665mm

BATTERY CAPACITY

Lithium battery **187.2 Wh**

MAX SPEED

25 km/h | 15.9 mph

Three-speed speed control device.

SEAT HEIGHT

Standard height (460mm)

Wheel diameter (12/12 2.4 for bicycle)

FEATURES

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 3 to 5



Programmable output
up to 187.2 Wh



Easy & quick replaceable
battery



1 years
global warranty



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SX- **E350**

WARRIOR KIDS



Seat Height 490mm

Wheelbase 685mm

BATTERY CAPACITY

Lithium battery **180 Wh**

MAX SPEED

30 km/h | 18.1 mph

Three-speed speed control device.

SEAT HEIGHT

Standard height (490 mm)

Wheel diameter (14/14 2.4 for bicycle)

FEATURES

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 4 to 6



Programmable output
up to 180 Wh



Easy & quick replaceable
battery



1 years
global warranty



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SX- **E500**

WARRIOR KIDS



Seat Height 490mm

Wheelbase 685mm

BATTERY CAPACITY

Lithium battery **270 Wh**

MAX SPEED

35 km/h | 21.1 mph

Three-speed speed control device.

SEAT HEIGHT

Standard height (490 mm)

Wheel diameter (14/14 2.4 for bicycle)

FEATURES

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 4 to 6



Programmable output
up to 270 Wh



Easy & quick replaceable
battery



1 years
global warranty



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SPECS COMPARATIVE TABLE

Warrior Kids				
Model Code	SX-E150	SX-E250	SX-E350	SX-E500
Rider Height	90-110cm	90-110cm	100-120cm	100-120cm
Battery	Lithium battery 62.4 Wh	Lithium battery 187.2 Wh	Lithium battery 180 Wh	Lithium battery 270 Wh
Motor	150W	250W	350W	500W
Range	8km	15km	13km	18km
Top speed	13km/h	25km/h	30km/h	35km/h
Seat Height	460mm	460mm	490mm	490mm
Wheelbase	665mm	665mm	685mm	685mm
Front suspension	/	Spring Suspension	Spring Suspension	Spring Suspension
Rear suspension	Spring Suspension	Spring Suspension	Spring Suspension	Spring Suspension
Brake Disc Diameter	Mechanical Disc Brake	Mechanical Disc Brake	Mechanical Disc Brake	Hydraulic Disc Brake
Packing quantity	40HQ:625Pcs	40HQ:625Pcs	40HQ:625Pcs	40HQ:625Pcs

YOUTHS

YOUTHS: ELECTRIC MOTOCROSS

Our YOUTH bikes are engineered to empower young riders as they transition from beginners to confident adventurers. Designed to grow with their skills and ambitions, these bikes combine advanced technology, rugged performance, and safety features to inspire the next generation of motocross enthusiasts.

Starting with WARRIOR YOUTH, our intermediate series for riders aged 6 to 10, we focus on delivering a balance of power, control, and durability. These bikes are built to handle more challenging terrains, offering young riders the thrill of speed and the confidence to explore new limits.

For those ready to take their skills to the next level, the WARRIOR series, designed for riders aged 8 to 12, delivers unmatched performance with powerful motors, advanced suspension systems, and long-lasting batteries. These bikes are perfect for young riders who crave the excitement of competitive motocross or simply want to push their boundaries on the trails.



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WARRIOR YOUTH

SX-E2

SX-E3

SX-E5

SERIES
TWO



WARRIOR

SX-E8

SX-E10

SERIES
THREE



SX- **E2**

WARRIOR YOUTH

Seat Height 600-690mm



Wheelbase 1030mm

BATTERY CAPACITY

Lithium battery **720 Wh**

MAX SPEED

45 km/h | 27.2 mph

Includes emergency power off switch.

SEAT HEIGHT

Adjustable height (600/690 mm)

Wheel diameter (F 60/100-14|12|10, R 70/100-12|10)

FEATURES

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 3 to 6



Programmable output
up to 720 Wh



Easy & quick replaceable
battery



1 years
global warranty



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SX- **E3**

WARRIOR YOUTH

Seat Height 600/650mm



Wheelbase 1032mm

BATTERY CAPACITY

Lithium battery **720 Wh**

MAX SPEED

50 km/h | 31.1 mph

Includes emergency power off switch.

SEAT HEIGHT

Adjustable height (600/650 mm)

Wheel diameter (F 60/100-10, R 70/100-10)

FEATURES

APP AVAILABLE: Wireless connection for parental control & to customize driving modes. For Android & iOS devices.

NO EXTRACOSTS: All our motorcycles come with charger & battery included..



For young riders:
ages 4 to 8



Programmable output
up to 720 Wh



Easy & quick replaceable
battery



App
available



1 years
global warranty



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SX- **E5**

WARRIOR YOUTH

Seat Height 615/665mm



Wheelbase 1032mm

BATTERY CAPACITY

Lithium battery **1200 Wh**

MAX SPEED

60 km/h | 37.5 mph

Includes emergency power off switch.

SEAT HEIGHT

Adjustable height (615/665 mm)

Wheel diameter (F 60/100-12, R 70/100-10)

FEATURES

APP AVAILABLE: Wireless connection for parental control & to customize driving modes. For Android & iOS devices.

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



6-8

For young riders:
ages 6 to 8



Programmable output
up to 1200 Wh



Easy & quick replaceable
battery



App
available



1 years
global warranty



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Seat Height 745mm



Wheelbase 1145mm

BATTERY CAPACITY

Lithium battery **2100 Wh**

MAX SPEED

85 km/h | 52.1 mph

Includes emergency power off switch.

SEAT HEIGHT

Standard height (745 mm)

Wheel diameter (F 60/100-14, R 80/100-12)

FEATURES

APP AVAILABLE: Wireless connection for parental control & to customize driving modes. For Android & iOS devices.

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 8 to 12



Programmable output
up to 2100 Wh



Easy & quick replaceable
battery



App
available



1 years
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Seat Height 745mm

Wheelbase 1145mm

BATTERY CAPACITY

Lithium battery **3360 Wh**

MAX SPEED

80 km/h | 49.1 mph

Includes emergency power off switch.

SEAT HEIGHT

Standard height (735 mm)

Wheel diameter (F 60/100-14, R 80/100-12)

FEATURES

APP AVAILABLE: Wireless connection for parental control & to customize driving modes. For Android & iOS devices.

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 8 to 12



Programmable output
up to 3360 Wh



Easy & quick replaceable
battery



App
available



1 years
global warranty



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SPECS COMPARATIVE TABLE

Warrior Youth				Warrior	
Model Code	SX-E2	SX-E3	SX-E5	SX-E8	SX-E10
Rider Height	90-120cm	110-140cm	120-140cm	140-160cm	140-160cm
Battery	Lithium battery 720 Wh	Lithium battery 720 Wh	Lithium battery 1200 Wh	Lithium battery 2100 Wh	Lithium battery 3360 Wh
Motor	1kW	2kW	2kW	6kW	5kW
Range	18km	18km	30km	60km	100km
Top speed	45km/h	50km/h	60km/h	85km/h	80km/h
Seat Height	600-690mm	600/650 mm	615/665mm	745mm	745mm
Wheelbase	1030mm	1032mm	1032mm	1145mm	1145mm
Front suspension	Damping Suspension	Damping Suspension	Dual-Adjustable Damping Shocks	Dual-Adjustable Damping Shocks	Dual-Adjustable Damping Shocks
Rear suspension	Damping Suspension	Damping Suspension	Dual-Adjustable Damping Shocks	Dual-Adjustable Damping Shocks	Dual-Adjustable Damping Shocks
Brake Disc Diameter	Hydraulic Disc Brake	Hydraulic Disc Brake	Hydraulic Disc Brake	Hydraulic Disc Brake	Hydraulic Disc Brake
Packing quantity	40HQ:236Pcs	40HQ:236Pcs	40HQ:236Pcs	40HQ:168Pcs	40HQ:168Pcs

ADULTS

ADULTS: ELECTRIC MOTOCROSS, ROAD

Our ADULTS bikes are built for those who demand the ultimate in performance, innovation, and adrenaline. Designed for riders aged 16 and above, these bikes combine cutting-edge technology, professional-grade components, and unmatched power to redefine what's possible in electric motocross.

Starting with WARRIOR PRO, our advanced series for riders aged 16 and up, we deliver a perfect blend of power, precision, and durability. Featuring the world's first axial flux motor, this bike offers explosive torque, superior handling, and the ability to conquer any terrain with ease.

For the ultimate thrill-seekers, the WARRIOR RACE series is designed for professional riders and enthusiasts aged 16 and above. With a staggering high performance motor and a top speed of 140km/h, this bike is engineered to dominate the track and push the boundaries of electric motocross performance.



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WARRIOR **PRO**

SERIES
FOUR



MX-E15



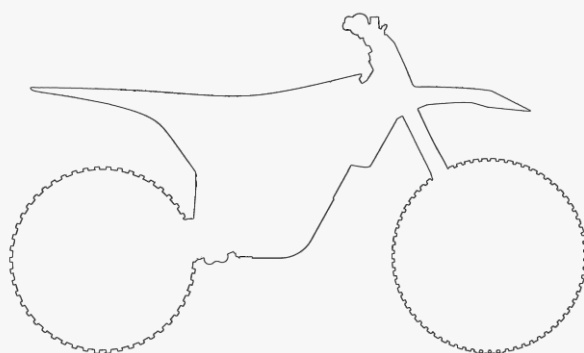
MX-E15Plus



SERIES
FIVE



SX-E60



WARRIOR **RACE**

SX-**E15**

WARRIOR PRO

Seat Height 880mm



Wheelbase 1340mm

BATTERY CAPACITY

Lithium battery **2960 Wh**

MAX SPEED

90km/h | 55.9mph

Includes emergency power off switch.

SEAT HEIGHT

Standard height (880 mm)

Wheel diameter (F:70/100-19,R:90/100-16)

FEATURES

APP AVAILABLE: Wireless connection for to customize driving modes. For Android & iOS devices.

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 16+



Programmable output
up to 2960 Wh



Easy & quick replaceable
battery



App
available



1 years
global warranty



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SX-**E15 PLUS**

WARRIOR PRO

Seat Height 920mm



Wheelbase 1340mm

BATTERY CAPACITY

Lithium battery **2960 Wh**

MAX SPEED

100km/h | 62.1mph

Includes emergency power off switch.

SEAT HEIGHT

Standard height (920 mm)

Wheel diameter (F:80/100-21,R:90/100-18)

FEATURES

APP AVAILABLE: Wireless connection for to customize driving modes. For Android & iOS devices.

NO EXTRACOSTS: All our motorcycles come with charger & battery included.



For young riders:
ages 16+



Programmable output
up to 2960 Wh



Easy & quick replaceable
battery



App
available



1 years
global warranty

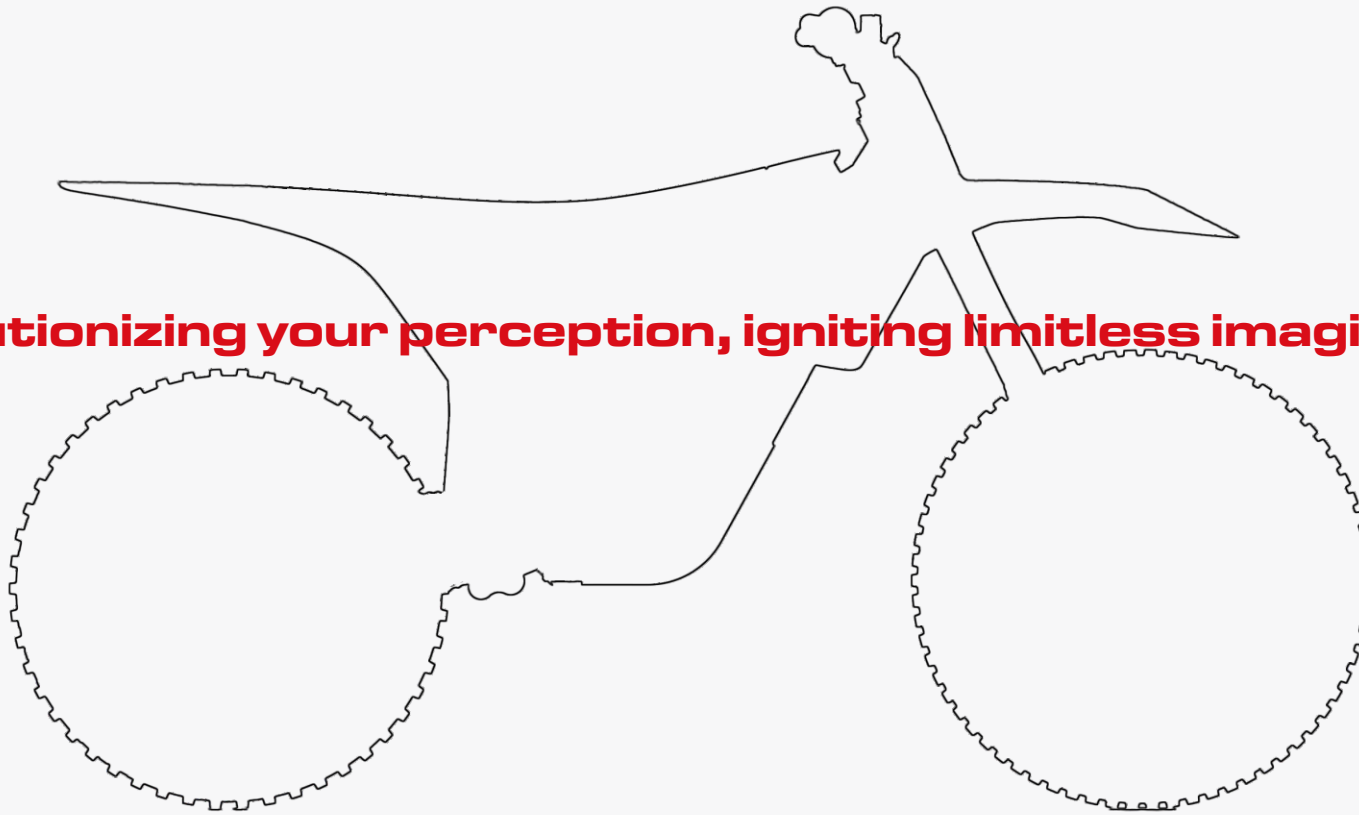


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SX- **E60**

WARRIOR RACE

Revolutionizing your perception, igniting limitless imagination.



The all-new motorcycle
a perfect riddle of design and performance

SPECS COMPARATIVE TABLE

Warrior Pro		
Model Code	SX-E15	SX-E15 Plus
Rider Height	160cm+	160cm+
Battery	Lithium battery 2960 Wh	Lithium battery 2960 Wh
Motor	8kW	8kW
Range	80km	80km
Top speed	90km/h	100km/h
Seat Height	880mm	920mm
Wheelbase	1340mm	1340mm
Front suspension	Dual-Adjustable Damping Shocks	Dual-Adjustable Damping Shocks
Rear suspension	Dual-Adjustable Damping Shocks	Dual-Adjustable Damping Shocks
Brake Disc Diameter	Hydraulic Disc Brake	Hydraulic Disc Brake
Packing quantity	40HQ:124Pcs	40HQ:124Pcs

APP

An app designed exclusively for the **RFN**, for an upgraded experience. Discover some features:

Full parental Control for peace of mind (Lock/Unlock Traction).

Parameter Configuration (Power, Speed, Throttle Response).

Motorcycle Status (Battery, Temperature, etc.).

Location of the Motorcycle 24/7 (even if Main Battery is removed).

Datalogging (Start/End Datalogging using a Chronometre, Lap counter also available).

Alert Notifications (Unauthorized movement, Low Battery, Battery removed, etc.).

Remote Locking (Disable the motorcycle in case of theft).



www.RFNbike.com     