



RFN 'WARRIOR' 12" SX-E400

400W / 36V / 5.2Ah KIDS Electric MX



£599.00 inc VAT

COLOUR: BLUE/RED, PINK/YELLOW, GREEN/PINK

AGE RANGE	3 to 6 YEARS / 90 to 110cm
CONTROL	ELECTRONIC TWIST THROTTLE
SPEED SETTINGS	LEVEL ECO / STD / SPORT
TOP SPEED	5 MPH / 7.5 MPH / 15.5 MPH
RANGE	UP TO 11 MILES (ECO) / APRX 2 HR
PEAK REAR WHEEL TORQUE / POWER	26 Nm / 400W
MOTOR	36V 250W
BATTERY	36V 5.2Ah LITHIUM
CHARGE TIME	2.5 HR (0-100%)
TRANSMISSION DRIVE	DIRECT DRIVE CHAIN
FRAME MATERIAL	HIGH GRADE CARBON STEEL RACE FRAME
FRONT SUSPENSION	RFN SPRING / 85mm STROKE
REAR SUSPENSION	RFN SPRING
BRAKES	RFN 140mm REAR DISC BRAKE
WHEELS	12" FRONT and REAR / PLASTIC ONE PIECE
SAFETY FEATURES	LANYARD / POWER BUTTON COVER
CE & CPC APPROVED	YES - WORLDWIDE
NET WEIGHT	18 KG
WHEEL BASE	665mm
SEAT HEIGHT	460mm
MAX RIDER WEIGHT	50 KG

IP RATING - PROTECTED AGAINST LOW PRESSURE WATER FROM ANY ANGLE / IPX-5



RFN 'WARRIOR' 12" SX-E400 400W / 36V / 5.2Ah KIDS Electric MX



RFN WARRIOR SX-E400 KIDS Electric MX

The Apollo production company was founded in 2003, focused on R&D, manufacturing, sales in the international off-road motorcycles and ATV trade. The company is located in Zhejiang, China, employs over 400 employees including almost 100 technicians and the factories are capable of supplying over 1000 units per day. Distribution now spans the globe, in 75 countries with over 1.5 million units in the market. Apollo already boast the number one spot for exports of off-road vehicles out of China.

The RFN 'WARRIOR' SX-E400 is delivering a premium high powered 36V KIDS Electric MX motorcycle at an affordable price. The RFN 'WARRIOR' SX-E400 utilizes a 'Direct Drive' to deliver the power to the wheel, thus operating efficiently. Range is up to 11 miles / or 2 Hour in Eco Mode which limits power to optimize range. As rider confidence grows the power can be increased. To add safety there is a lanyard 'Power Off' as well as a cover to lock the power once set by the parent, plus a chainguard to protect little fingers. Additional design features are vibrant & child oriented colour options and MX styling, a wide swing arm for wide anti-slip tyres. Whether on Grass, Mud, Sand, the 'WARRIOR' MX is designed to withstand the challenges ahead on your little ones adventures. The RFN 'WARRIOR' SX-E400 is suitable for riders of 3 to 6 Years or 90 to 110cm. Maximum rider weight 50Kg. Full range of parts and accessories available.



For off road use only, on designated tracks or private land, with land owners permission.
Urban Moto Ltd don't condone the use of these bikes for anything other than that stated by the manufacturer.

UrbanMoto
Distribution

info@urbanmoto.co.uk

Sales office +44 (0)1522 589 461 / Mobile +44 788 576 6969
Monarch House, Albion Works, Long Leys Rd, Lincoln LN1 1DT
Website: www.rfnbikes.co.uk & www.urbanmotoparts.co.uk



RFN 'WARRIOR' 14" SX-E500 500W / 36V / 5Ah KIDS Electric MX



£899.00 inc VAT

COLOUR: BLUE/RED, PINK/YELLOW, GREEN/PINK

AGE RANGE	4 to 8 YEARS / 100 to 120cm
CONTROL	ELECTRONIC TWIST THROTTLE
SPEED SETTINGS	LEVEL ECO / STD / SPORT
TOP SPEED	9.5 MPH / 13.5 MPH / 18.5 MPH
RANGE	UP TO 11 MILES (ECO) / APRX 1 HR
PEAK REAR WHEEL TORQUE / POWER	34 Nm / 500W
MOTOR	36V 350W
BATTERY	36V 5Ah LITHIUM
CHARGE TIME	2.5 HR (0-100%)
TRANSMISSION DRIVE	DIRECT DRIVE CHAIN
FRAME MATERIAL	HIGH GRADE CARBON STEEL RACE FRAME
FRONT SUSPENSION	RFN SPRING / 85mm STROKE
REAR SUSPENSION	RFN SPRING
BRAKES	RFN 140mm DISC BRAKE FRONT and REAR
WHEELS	14" FRONT and REAR / Mg ALLOY
SAFETY FEATURES	LANYARD / POWER BUTTON COVER
CE & CPC APPROVED	YES - WORLDWIDE
NET WEIGHT	19 KG
WHEEL BASE	685mm
SEAT HEIGHT	490mm
MAX RIDER WEIGHT	50 KG

IP RATING - PROTECTED AGAINST LOW PRESSURE WATER FROM ANY ANGLE / IPX-5



RFN 'WARRIOR' 14" SX-E500 500W / 36V / 5Ah KIDS Electric MX



RFN WARRIOR SX-E500 KIDS Electric MX

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The RFN 'WARRIOR' SX-E500 is delivering a premium high powered 36V KIDS Electric MX motorcycle at an affordable price. The RFN 'WARRIOR' SX-E500 utilizes a 'Direct Drive' to deliver the power to the wheel, thus operating efficiently. Range is up to 11 miles / or 1 Hour in Eco Mode which limits power to optimize range. As confidence grows the power can be increased. To add safety there is a lanyard 'Power Off' as well as a cover to lock the power once set by the parent, plus the chainguard avoids any damage to little ones fingers. Additional design features are vibrant & child oriented colour options and MX styling, a wide swing arm for wide anti-slip tyres. Whether on Grass, Mud, Sand, the 'WARRIOR' MX is designed to withstand the challenges ahead on your little ones adventures. The RFN 'WARRIOR' SX-E500 is suitable for riders of 4 to 8 Years or 100 to 120cm. Maximum rider weight 50Kg. Full range of parts and accessories available.



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RFN 'RS ENDURANCE' L1E MK3 **74V / 4Kw Road Legal Electric Moped**



£4,095 RRP inc VAT *(Excluding £55 DVLA Registration Fee)
COLOUR: RED/WHITE or BLACK EDITION

MOTOR	RFN PERMANENT MAGNET SYNCHRO
DRIVE	ELECTRONIC TWIST THROTTLE
TOP SPEED	28 MPH (11T/58T))
RANGE	UP TO 120 MILES (ECO) @ 25mph
PEAK POWER / VOLTAGE	4Kw RESTRICTED / 84V (DC)
PEAK TORQUE	46Nm MOTOR / 242Nm WHEEL
BATTERY	LG 21700 Li-Ion BATTERY 74V 43Ah (3182Kwh)
GEAR RATIO	5.27 (11T/58T SPROCKET)
TRANSMISSION DRIVE	DIRECT DRIVE CHAIN
SPEEDOMETER	LCD DIGITAL SPEEDO
CHASSIS MATERIAL	6082 ALUMINIUM FRAME/SWING
FRONT SUSPENSION	RFN USD HYDRAULIC 43mm / STROKE 200mm
REAR SUSPENSION	RFN 240mm 350LB / STROKE 74mm
TYRES	CST CM721 F:70/100-19 & CM722 R:90/100-18
BRAKES	RFN 4 PISTON HYDRAULIC & 210 / 2mm DISC
BRAKE REGEN	2 LEVEL ADJUSTMENT (On/Off)
NET WEIGHT	76KG
WHEEL BASE	1330mm
SEAT HEIGHT	860mm



RFN 'RS ENDURANCE' L1E MK3 74V / 4Kw Road Legal Electric Moped



RFN RS ENDURANCE L1E Road Legal Electric Moped

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The RFN 'RS ENDURANCE' L1E is delivering a premium high powered 74V vehicle at a much more affordable price, thus offering more customers the opportunity to experience the benefits of 74V, without the expense of upgrades. The RFN 'RS ENDURANCE' L1E utilizes a 'Direct Drive' to deliver the power to the wheel, thus operating more efficiently. Range is also increased to around 120 miles in 'Tortoise' Eco Mode which limits power to optimize range. Rather than higher top speed the bike is geared for instant torque, which makes it nimble in traffic. Additional design features include a higher seat height and MX styling, wider swing arm and rear tyre, two level braking regen and most importantly the ability to remove the seat, to convert the bike for trials, climbing and stunts when ridden off road too. Riders must be a minimum of 16, hold a current CBT for Moped class and insurance. Road Tax is currently FREE on electric vehicles.



RFN 'RS ENDURANCE' L1E MK3 **74V / 4Kw Road Legal Electric Moped**



'BLACK EDITION' ALSO AVAILABLE – ASK YOUR DEALER FOR AVAILABILITY

*This RS ENDURANCE L1E model is homologated to the 'Moped' class and as such restricted to 28mph.
If de-restricted for off road use only, on designated tracks or private land, with land owners permission,
the RFN RS ENDURANCE can deliver 7.8Kw in 'Rabbit' mode and 12.5Kw in 'Rocket' mode.
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RFN 'Rally Pro' 74V / 12.5Kw MK3 Off Road MX Electric Motorcycle



£3,995 RRP inc VAT

COLOUR: BLACK EDITION

MOTOR	RFN PERMANENT MAGNET SYNCHRO
DRIVE	ELECTRONIC TWIST THROTTLE
TOP SPEED	60 MPH (11T/58T SPROCKET)
RANGE	UP TO 120 MILES (ECO)
PEAK POWER / VOLTAGE	7.8Kw / 12.5 Kw Boost PEAK / 84V (DC)
PEAK TORQUE	61Nm MOTOR / 270Nm WHEEL
BATTERY	LG 21700 Li-Ion BATTERY 74V 43Ah (3182Kwh)
GEAR RATIO	5.27 (11T/58T SPROCKET)
TRANSMISSION DRIVE	DIRECT DRIVE CHAIN
SPEEDOMETER	LCD DIGITAL SPEEDO
CHASSIS MATERIAL	6082 ALUMINIUM FRAME/SWING
FRONT SUSPENSION	RFN USD HYDRAULIC 43mm / STROKE 200mm
REAR SUSPENSION	RFN 240mm 350LB / STROKE 74mm
TYRES	CST CM721 F:70/100-19 & CM722 R:90/100-18
BRAKES	RFN 4 PISTON HYDRAULIC & 210 / 2mm DISC
BRAKE REGEN	2 LEVEL ADJUSTMENT (On/Off)
NET WEIGHT	68KG
WHEEL BASE	1330mm
SEAT HEIGHT	860mm



RFN 'Rally Pro' 74V / 12.5Kw MK3 Off Road MX Electric Motorcycle



Full Power on demand High Speed Electric Motorcycle

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The RFN 'Rally Pro' is delivering a premium high powered 74V 12.5Kw vehicle at a much more affordable price, thus offering more customer the opportunity to experience the benefits of 74V, without the expense of upgrades. The 'Rally Pro' utilizes a 'Direct Drive' to deliver the power to the wheel, thus operating more efficiently. Range is also increased to around 120 miles in 'Tortoise' Eco Mode. The gearing is set for instant torque, rather than higher top speed (currently up to 60mph), thus aimed at instant, short burst power, especially with 'Rocket' mode delivering 12.5Kw for 60 seconds. Additional design features include a higher seat height and MX styling, wider swing arm and rear tyre, a 2 level braking regen and most importantly the ability to remove the seat, to convert the bike for trials, climbing and stunts.



RFN 'Rally Pro' 74V / 12.5Kw MK3 Off Road MX Electric Motorcycle



BLACK EDITION ALSO AVAILABLE – ASK YOUR DEALER FOR AVAILABILITY



ENERGY SAVING MODE
20% Power



STANDARD MODE
0-35mph in 5 Seconds



HIGH POWER MODE
0-35mph in 4 Seconds &
Auto reset in 60 Seconds

R

REVERSE MODE
Limited to <6mph



RFN 'Rally Pro' 74V / 12.5Kw MK3 Off Road MX Electric Motorcycle

CONVERTIBLE



*This machine is **NOT** for use on the road or in public areas, only on private land or specialist tracks.
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Pit Bike Powerhouse: Unveiling the Apollo RFN Thunder Series for Ultimate Off-Road Thrills!



Thunder 70
Pro



Thunder 110
Pro



Thunder 140
Pro

Specification	Thunder 70 Pro	Thunder 110 Pro	Thunder 140 Pro
Engine	Genuine FH - 70cc Air cooled, 4 stroke , Single cylinder	Genuine FH - 110cc, Air cooled, 4-stroke, single-cylinder	Genuine YX - 140cc Air cooled, 4-stroke, single-cylinder
Engine Gear	Fully automatic	Semi- automatic 4-speed	Manual 4-speed (N-1-2-3-4)
Transmission	Chain Drive (#420 – F14T)	Chain Drive (#420 – F14T)	Heavy Duty Chain Drive (#428 – F14T)
Ignition	Electric Start / Key ignition with underkill switch	Kick Start / Key ignition with underkill switch	Kick Start / Key ignition with underkill switch
Max power	4.55 BHP / 8000 RPM	7.5BHP / 7500 RPM	11.15 BHP / 8000RPM
Fork	Upside Down Forks (USD) Non hydraulic 150mm	Upside Down Forks (USD) Non hydraulic 120mm	Upside Down Forks (USD) Non hydraulic 150mm
Brake	F – Hydraulic Dual Piston Calliper – 200m Ventilated Wavy Disc. Foldable Brake Lever With Adjustable Throttle Stop. R - Hydraulic Single Piston Calliper - 190mm Ventilated Wavy Disc.	F – Hydraulic Dual Piston Calliper – 200m Ventilated Wavy Disc. R - Hydraulic Single Piston Calliper - 190mm Ventilated Wavy Disc	F – Hydraulic Dual Piston Calliper– 220m Ventilated Wavy Disc. Foldable Brake Lever With Adjustable Throttle Stop. R – Hydraulic Single Piston Calliper- 190mm Ventilated Wavy Disc
Carburettor	PZ19	PZ19	Genuine NIBBI PE22
Off-Road Tyre	F – Black Steel Rim & Alloy Hub, 2.5-10 R- Black Steel Rim & Alloy Hub, 2.5-10	F – Black Steel Rim & Alloy Hub 60/100-14 R- Black Steel Rim & Alloy Hub 80/100-12	F – Black Steel Rim & Hub 70/100-17 with 3.5mm Heavy Gauge spokes R- Black Steel Rim & Hub 90/100-14 with 4mm Heavy Gauge spokes
Other Pro Features Include	Foldable Brake Lever With Adjustable Throttle Stop, Heavy Duty Motor Guard, Grippy Seat, Exhaust Heat Shields , Sponge Air Filter.	Foot Brake, Heavy Duty Motor Guard, Grippy Seat, Cone Filter, Key ignition with underkill switch, Exhaust Heat Shields .	Sealed Air box with reusable panel filter, Grippy Seat, Forged Alloy Handlebar Pad, Rebound adjustable rear shock, Rear shock cover, Exhaust Heat Shields & Heavy Duty Motor Guard.