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Financing your ride couldn't possibly be any easier. With KTM's financial partner, finding yourself seated on the bike of your dreams is simpler than you could've ever imagined. Motorcycle specific, individually tailored financial solutions enable you to race off in no time. Contact your authorized KTM dealer for more information.


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Do not imitate the riding scenes shown!
The riders illustrated are professional motorcycle riders. The photos were taken on closed racing circuits or closed roads. KTM wishes to make all motorcyclists aware that they need to wear the prescribed protective gear, only start the electric vehicle for the first time after receiving a high-voltage safety briefing from an authorised KTM dealer and always ride in a responsible manner in accordance with the relevant and applicable provisions of the road traffic regulations.

The KTM SX-E 5 models are pure sports machines with no homologation for road use. The warnings and hazard notices in the operating instructions (especially the potential danger of high-voltage systems in motor vehicles, prescribed speed limits, etc.) must be observed when purchasing a motorcycle. Some items in the KTM PowerParts product range are not approved for use on public roads in certain circumstances (varies from country to country). Please contact your KTM dealer for further information. The illustrated vehicles may vary in selected details from the production models and some illustrations feature optional equipment available at additional cost. All information concerning the scope of supply, appearance, services, dimensions and weights is non-binding and specified with the proviso that mistakes, printing, setting and typing errors may occur; such information is subject to change without notice. Please note that model specifications may vary from country to country.

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ELECTRIC RACING REVOLUTION

KTM SX-E 5





DIFFERENT FUEL

SAME ENERGY

THE NEW ERA IN SPORT MINICYCLES

The KTM SX-E 5 is the latest revolution in the exciting world of mini motocross. An electric powered weapon ready to launch fearless young riders into a life of railing berms and air time. The silent 5 kW motor offers a less intimidating start to the sport, with the added bonus of opening up more places to shred. Constructed using high-end, quality components, this revolutionary pocket rocket is a fully-fledged competition machine with the adaptability to grow in size and power as the rider gains in confidence.





POWERPACK

The KTM SX-E 5 is fitted with 84 modern lithium ion cells in a robust die-cast aluminum casing that is mounted just above the electric motor. The stored energy is 907 Wh (watt-hour), which provides up to two hours of riding for beginners and approximately 25 minutes of flat-out action for the fastest riders, depending on conditions and terrain. An integrated battery management system (BMS) ensures the safety and longevity of the battery pack.

CHARGER

The external worldwide charger supplies up to 900 W and can be plugged into any 110 or 230 Volt socket, as well as being easily connected to the KTM PowerPack.

Charging time: 45 minutes (80%).

ELECTRIC MOTOR

The permanent magnet, air-cooled motor has an extremely compact and slim design well suited to the smaller chassis. It produces a peak power of 5 kW and due to its dust and waterproof design, the motor does not wear and is maintenance free. It features an integrated control unit (ECU) that guarantees a direct, but controllable power delivery.

POWER WITH CONTROL

TAKE CHARGE OF PROGRESSION

Power is only effective with control. The KTM SX-E 5's compact, torque electric motor features an intelligent, state-of-the-art control unit integrated within the package, ensuring steady progression through every level of shredding.



MULTIFUNCTIONAL DISPLAY

The Multifunctional Display is located between the steering head and the seat. It provides all of the necessary information about the status of your KTM SX-E 5. The numbers light up to indicate the ride mode that has been selected, while battery life is highlighted by green lights on the side. A yellow battery light appears when the charge is down to 30% and changes to red when the levels get more critical.



SIX RIDE MODES

Using the Multifunctional Display, the user can select between six different ride modes. Each mode offers different power characteristics suited for pure beginners (1) all the way up to experienced racers (6). The modes can be secured with a dongle that is located below the seat, ensuring that young riders cannot select a different mode on their own.



SUSPENSION

The KTM SX-E 5 features a modern, fully adjustable WP XACT air fork, with outstanding comfort, damping characteristics and directional stability. The 35 mm upside-down front fork has 205 mm of travel and thanks to the air spring fitted in the left fork leg, can be adjusted to perfectly suit the rider's weight using a simple air pump.

The high quality WP XACT shock absorber is linked directly to the swingarm and provides excellent damping performance. It offers 185 mm of travel and can also be adjusted to suit rider preference and track conditions.

BRAKE SYSTEM

Front and rear hydraulic brakes produced by FORMULA, combined with lightweight WAVE discs, ensure the highest standard of safety and the best, easy to control deceleration – even for the youngest riders.

FRAME

The frame is made from lightweight, high-strength steel and features the latest profiles found in the performance-proven SX range. It is adapted to host the electric drive train and constructed using high precision due to robot welding. The lightweight, rigid subframe is made of extruded polyamide, reinforced by fibreglass and contributes to the easy, precise handling and outstanding stability of the KTM SX-E 5.

GROW WITH CONFIDENCE

SIZE MATTERS

Confidence and control is the key to progression. Having a bike that stays with the rider, growing with them as they gain in size and ability, offers a familiarity that allows them to push their limits.



ADJUSTABLE SEAT HEIGHT

The seat height on the KTM SX-E 5 can be adjusted to multiple levels. The standard model comes with a seat height of 665 mm, which can easily be reduced to 615 mm.

KTM POWERPARTS LOWERING KIT

With the aid of a Suspension Lowering Kit from the KTM PowerParts catalogue, the WP suspension units can be further lowered to a minimum seat height of just 560 mm, accommodating the smallest four-year-old riders or even younger.



~665 MM HEIGHT (STANDARD POSITION)

~640 MM HEIGHT (LOW BODYWORK POSITION)

~615 MM HEIGHT (LOW SUSPENSION POSITION)

~560 MM HEIGHT (KTM POWERPARTS LOWERING KIT)

SUSPENSION POSITION

It is possible to lower the entire bike by mounting the rear shock in an alternative position and by lowering the front fork in the triple clamps.

BODYWORK POSITION

Without the need for a fuel tank, a plastic spacer element was designed to provide the same READY TO RACE ergonomics as the combustion model equivalent of the KTM SX-E 5. This element can be fixed in two positions which allows the seat height to be lowered by approximately 25 mm.

WORN WITH INTENT



KIDS DYNAMIC-FX HELMET

Lightweight offroad helmet with a specific shell especially developed for kids.

KIDS BUZZ PRO GOGGLES

Performance MX goggles with fog-free lenses thanks to NoFog™ technology.

KIDS GRAVITY-FX GEAR

Performance offroad gear created for junior racers in mind – breathable, ventilated shirt & pants with durable, tight-fitting gloves.

KIDS TECH 7S MX BOOTS

Anatomically profiled offroad boots exclusively for KTM by ALPINESTARS.

AMPLIFY YOUR RIDE



HANDLEBAR

The special aluminum alloy handlebar offers ideal rigidity and flexibility. Width: 670 mm, Height: 76 mm



HANDLEBAR MOUNT KIT

Available in 5 different heights.



COMPRESSION ADJUSTER

Adjust your suspension in style with the anodized aluminum adjuster with the original KTM factory look.



CHAIN GUIDE

Turn your KTM into something very special with the orange factory look.



VALVE CAP SET

Orange anodized valve caps with valve opening function.



KTM SX-E5

DRIVE UNIT

ELECTRIC MOTOR	48 V - BLDC motor with outer rotor
RATED OUTPUT	2 kW/3,200 rpm
MAX. POWER	5 kW/3,900 rpm
TORQUE	13.8 Nm from 0 rpm
MAX. MOTOR SPEED	6,000 rpm
FINAL DRIVE	08:46
COOLING SYSTEM	Air cooled
KTM POWERPACK	Lithium-Ion KTM PowerPack
CAPACITY/ENERGY	21 Ah/907 Wh
CHARGING TIME 100%	70 minutes
CHARGING TIME 80%	45 minutes
CHARGER LINE VOLTAGE	80-240 V/50-60 Hz
CHARGING INPUT	Quick charging 5 A @ 230 V (AC)
CHARGING POWER	900 W

CHASSIS

FRAME	Double grinded central double-cradle-type frame
SUBFRAME	Fibreglass-reinforced plastic
HANDLEBAR	Tapered aluminum Ø 28/22/18 mm
FRONT SUSPENSION	XACT 35 WP Upside-Down fork, Ø 35 mm
REAR SUSPENSION	XACT WP mono shock
SUSPENSION TRAVEL FRONT/REAR	205 / 185 mm / 125 / 133 mm*
FRONT BRAKE	Disc brake Ø 160 mm
REAR BRAKE	Disc brake Ø 160 mm
FRONT/REAR RIMS	1.50 x 12"; 1.60 x 10" Alu
FRONT/REAR TIRES	60/100 x 12"; 2.75 x 10"
CHAIN	1/2 x 3/16"
STEERING HEAD ANGLE	66°
TRIPLE CLAMP OFFSET	22 mm
WHEEL BASE	1,032 mm ± 10 mm / 995 ± 10 mm*
GROUND CLEARANCE	235 mm / 150 mm*
SEAT HEIGHT	665 mm / 560 mm*
WEIGHT	approx. 40.8 kg / approx. 41.2 kg*

* with KTM PowerPart lowering kit and lowest suspension and bodywork position

