

FACTS



MODEL
2-STROKE | KTM 50 SX

ENGINE	
ENGINE TYPE	Single-cylinder, 2-stroke
DISPLACEMENT	49 cc
BORE / STROKE	39.5/40 mm
STARTER	Kick-starter system
CARBURETOR	Dell'Orto PHBG 19 BS
CONTROL	-
LUBRICATION	Mixture lubrication 1:60
TRANSMISSION OIL	Automatic transmission oil Dextron III "Motorex ATF 3"
TRANSMISSION	Single gear automatic
GEAR RATIOS	14:31
PRIMARY RATIO	33:61
FINAL DRIVE	11:40
COOLING	Liquid cooling
CLUTCH	Centrifugal clutch (adjustable)
IGNITION	Selettra 2p D36



MODEL
2-STROKE | KTM 65 SX

	shock absorber
ENGINE TYPE	Single-cylinder, 2-stroke
DISPLACEMENT	64.9 cc
BORE / STROKE	45/40.8 mm
STARTER	Kick-starter system
CARBURETOR	MIKUNI VM 24
CONTROL	Slide valve, exhaust gas pressure dependent
LUBRICATION	Mixture lubrication 1:60
TRANSMISSION OIL	Motorex Topspeed 4T 15W50
TRANSMISSION	6 gears
GEAR RATIOS	13:37 16:34 18:31 21:30 23:28 24:26
PRIMARY RATIO	23:75
FINAL DRIVE	14:48
COOLING	Liquid cooling
CLUTCH	Wet multi-disc clutch, Formula hydraulics
IGNITION	AET digital



MODEL
2-STROKE | KTM 85 SX 17"/14" (19"/16")

ENGINE TYPE	Single-cylinder, 2-stroke
DISPLACEMENT	84.9 cc
BORE / STROKE	47/48.95 mm
STARTER	Kick-starter system
CARBURETOR	Keihin PWK 28
CONTROL	Rotation speed dependent exhaust flap with sub-exhaust
LUBRICATION	Mixture lubrication 1:40
TRANSMISSION OIL	Motorex Topspeed 4T 15W50
TRANSMISSION	6 gears
GEAR RATIOS	11:29 14:28 16:26 19:26 21:25 20:21
PRIMARY RATIO	20:64
FINAL DRIVE	13:46
COOLING	Liquid cooling (0.8L)
CLUTCH	Wet multi-disc clutch, Formula hydraulics
IGNITION	MEDJ digital

CHASSIS	
FRAME	Double grinded central double-cradle-type frame
SUBFRAME	Steel
HANDLEBAR	Renthal, Aluminum Ø 22 mm
FRONT SUSPENSION	XACT 35 WP Upside-Down fork, Ø 35 mm
REAR SUSPENSION	XACT WP shock absorber
SUSPENSION TRAVEL FRONT / REAR	205/185 mm
FRONT BRAKE	Disc brake Ø 160 mm
REAR BRAKE	Disc brake Ø 160 mm
RIMS FRONT / REAR	1.50 × 12"; 1.60 × 10" Alu
TIRES FRONT / REAR	60/100 × 12"; 2.75 × 10"
CHAIN	1/2 × 3/16"
MUFFLER	Aluminum
STEERING HEAD ANGLE	66°
TRIPLE CLAMP OFFSET	22 mm
WHEEL BASE	1,032 mm ± 10 mm
GROUND CLEARANCE	252 mm
SEAT HEIGHT	684 mm
FUEL TANK CAPACITY	approx. 2.3 l
WEIGHT, READY TO RACE	approx. 41.5 kg (without fuel)

FRAME	Double grinded central double-cradle-type frame
SUBFRAME	Aluminum
HANDLEBAR	Tapered aluminum, Ø 28/22 mm
FRONT SUSPENSION	XACT 35 WP Upside-Down fork, Ø 35 mm
REAR SUSPENSION	XACT WP shock absorber
SUSPENSION TRAVEL FRONT / REAR	215/270 mm
FRONT BRAKE	Disc brake Ø 198 mm
REAR BRAKE	Disc brake Ø 160 mm
RIMS FRONT / REAR	1.60 × 14"; 1.60 × 12" Alu
TIRES FRONT / REAR	60/100 × 14"; 80/100 × 12"
CHAIN	1/2 × 1/4"
MUFFLER	Aluminum
STEERING HEAD ANGLE	64.5°
TRIPLE CLAMP OFFSET	22 mm
WHEEL BASE	1,137 mm ± 10 mm
GROUND CLEARANCE	280 mm
SEAT HEIGHT	750 mm
FUEL TANK CAPACITY	approx. 3.5 l
WEIGHT, READY TO RACE	approx. 53 kg (without fuel)

FRAME	Double grinded central double-cradle-type frame
SUBFRAME	Aluminum
HANDLEBAR	Tapered aluminum, Ø 28/22 mm
FRONT SUSPENSION	XACT 35 WP Upside-Down fork, Ø 43 mm
REAR SUSPENSION	XACT WP shock absorber
SUSPENSION TRAVEL FRONT / REAR	278/305 mm
FRONT BRAKE	Disc brake Ø 240 mm
REAR BRAKE	Disc brake Ø 210 mm
RIMS FRONT / REAR	1.40 × 17"; 1.60 × 14" Alu
TIRES FRONT / REAR	70/100 × 17"; 90/100 × 14"
CHAIN	1/2 × 5/16"
MUFFLER	Aluminum
STEERING HEAD ANGLE	66°
TRIPLE CLAMP OFFSET	14 mm
WHEEL BASE	1,290 mm ± 10 mm
GROUND CLEARANCE	336 mm
SEAT HEIGHT	865 mm
FUEL TANK CAPACITY	approx. 5.2 l
WEIGHT, READY TO RACE	approx. 67 kg



MODEL
ELECTRIC | KTM SX-E 5

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
PRIMARY DRIVE	-
FINAL DRIVE	8:46
COOLING SYSTEM	Air cooled
KTM POWERPACK	Lithium-Ion KTM Powerpack LV 0.9
CAPACITY / ENERGY	21Ah/907 Wh
CHARGING TIME 100%	70 minutes
CHARGING TIME 80%	45 minutes
CHARGER LINE VOLTAGE	80-240V/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 shock absorber
SUSPENSION TRAVEL FRONT / REAR	205/185 mm
FRONT BRAKE	Disc brake Ø 160 mm
REAR BRAKE	Disc brake Ø 160 mm
FRONT / REAR RIMS	1.50 × 12"; 1.60 × 10" Alu
FRONT / REAR TIRES	60/100 × 12"; 2.75 × 10"
CHAIN	1/2 × 3/16"
STEERING HEAD ANGLE	66°
TRIPLE CLAMP OFFSET	22 mm
WHEEL BASE	1,032 mm ± 10 mm
GROUND CLEARANCE	235 mm
SEAT HEIGHT	665 mm - 610 mm (2 steps)
WEIGHT (READY TO RACE)	approx. 40.8 kg

SPORTMINICYCLES

