

taimumoto

**OFF-ROAD
MOTORCYCLES**

PRODUCT CATALOGUE

2026

ELECTRIC RANGE / GASOLINE RANGE

Born to ride beyond.



www.taimumoto.com

FIND YOUR OFF-ROAD DIRECTION

MODEL GUIDE

ELECTRIC RANGE

SOK	03 – 06
F29	07 – 08
F29R	09 – 10
ET	11 – 12
F4	13 – 14
BABEY	15 – 16

TECHNOLOGY & DETAILS 17

GASOLINE RANGE

S300	18 – 19
S300R	20 – 21
SN300	22 – 23
SY300	24 – 25
SJ250	26 – 27
SJ300	28 – 29
HS85	30 – 31

BACK COVER 32

13 models. Individual riding scenes and detailed specifications.

SOK: WHITE / RED / CONTROL ADVANTAGES / SPECIFICATIONS

Complete 32-page product catalogue.

taimumoto

FREE TO EXPLORE

Compact by design. Confident on the trail.

SOK

85-class electric dirt bike • WHITE

860 mm

Seat height

340 mm

Ground clearance

19 / 16

Front / rear wheels



taimumoto

BORN TO CARVE

Compact proportions. Confident direction changes.

SOK

85-class electric dirt bike • RED

30 kW
Peak power

1270 mm
Wheelbase

72V 55Ah
Battery

taimumoto®

RIDE
A CLEANER
TOMORROW

COMPACT SIZE. BIG CONTROL.

SOK 85-class electric dirt bike | Proportions designed for control

ELECTRIC
OFF-ROAD
MOTORCYCLE

*Born
for
More Trails*

MORE FREEDOM
A BIGGER WORLD
AHEAD



01

COMPACT WHEELBASE

A 1270 mm wheelbase supports agile direction changes through tight corners and wooded trails.

02

BALANCED SEAT HEIGHT

An 860 mm seat height balances rider support with room for suspension travel.

03

GENEROUS CLEARANCE

340 mm of ground clearance leaves room for ruts, berms and rocky terrain.

04

SLIM BODY LAYOUT

A narrow frame and panels give riders space to lean and shift their weight.

05

CENTRALIZED MASS

Frame proportions and battery placement support a more predictable low-speed feel.

06

PURPOSEFUL WHEEL SIZES

A 19-inch front and 16-inch rear balance obstacle clearance, traction and agility.

Rider fit varies with body size and experience; assess suitability on the actual motorcycle.

SOK · CONTROL ADVANTAGES

PURE
POWER
BEYOND
TERRAIN

EXPLORE
WITHOUT
LIMITS



SOK

TECHNICAL SPECIFICATIONS

PURE ELECTRIC POWER
MORE POSSIBILITIES



ELECTRIC
OFF-ROAD
FOR A BRIGHTER
TOMORROW



CHASSIS & DIMENSIONS

System voltage	72V
Frame	Chromium-molybdenum steel
L × W × H	186 × 78 × 113 cm
Wheelbase	1270 mm
Ground clearance	340 mm
Seat height	860 mm
Net weight	99 kg
Load capacity	120 kg
Front tyre	80/100-19
Rear tyre	100/90-16
Brakes	Front & rear disc
Front suspension travel	250 mm
Rear suspension	92 mm; adjustable height & rebound Progressive damping + air spring



POWER & EQUIPMENT

Final drive	Chain
Maximum range	100 km (at 40 km/h)
Top speed	100 km/h
Maximum climbing angle	> 70°
Motor	Permanent magnet synchronous
Wheel-end torque	760 N · m
Controller	24T
Peak power	30 kW
Riding modes	Economy / Sport / Race / Reverse
Battery	72V 55Ah
Protection rating	IP67

Specifications supplied by the manufacturer; actual delivered configuration applies.
Range calculated at 40 km/h; results vary with terrain and operating conditions.

taimumoto

ELECTRIC. UNTAMED.

Take your ambition off the beaten path.

F29

In-house permanent magnet synchronous direct drive

29kW+
Max. power

IP67
Protection rating

72V 60Ah
Battery

F29

PURE CONTROL
BORN TO EXPLORE



DETAILED SPECIFICATIONS

BASIC INFORMATION

Dimensions (L × W × H):	2160 × 820 × 1230mm
Wheelbase:	1480mm
Ground clearance:	340mm
Seat height:	940mm
Max. load:	150kg
Net weight:	120kg

POWER SYSTEM

Motor:	Permanent magnet synchronous motor
Max. power:	29kW+
Wheel torque:	860N · m
Battery:	72V 60Ah
Battery cells:	EVE; Samsung optional
Max. range:	120km (40km/h test condition)
Charging time:	4.5-5h

CHASSIS & BRAKING

Front tire:	90/90-21
Rear tire:	140/80-18
Brakes:	Front / rear disc brakes
Front shock length:	838mm
Rear shock length:	509mm
Drive:	520 chain / 108 links / 42T
Sprocket material:	Aluminum alloy

FEATURES & FUNCTIONS

Lighting:	LED headlight / taillight; indicators optional
Max. speed:	120km/h
Ride modes:	Eco / Sport / Race / Reverse
Charging temperature:	0 to 45°C
Discharge temperature:	-20 to 60°C
Protection rating:	IP67

taimumoto

POWER BEYOND

Unlock more of the trail ahead.

F29R

In-house permanent magnet
synchronous direct drive

32kW+
Max. power

940N·m
Wheel torque

96V 55Ah
Battery



F29R

PURE POWER BEYOND TERRAIN



DETAILED SPECIFICATIONS

TAIMUMOTO

BASIC SPECIFICATIONS

Dimensions (L × W × H):	2160 × 820 × 1230mm
Wheelbase:	1480mm
Ground clearance:	340mm
Seat height:	940mm
Max. load:	150kg
Front tire:	90/90-21
Rear tire:	140/80-18
Brakes:	Front / rear disc brakes
Front shock length:	838mm
Rear shock length:	509mm
Drive:	520 chain / 108 links / 42T
Sprocket material:	Aluminum alloy
Lighting:	LED headlight / taillight; indicators optional

POWER AND BATTERY

Max. speed:	120km/h
Motor:	Permanent magnet synchronous motor
Ride modes:	Eco / Sport / Race / Reverse
Charging temperature:	0 to 45°C
Discharge temperature:	-20 to 60°C
Protection rating:	IP67
Net weight:	128kg
Max. power:	32kW+
Wheel torque:	940N·m
Battery:	96V 55Ah
Battery cells:	Samsung
Max. range:	100km (40km/h test condition)
Charging time:	4h

taimumoto

FOUR GEARS. MORE CONTROL.

Electric response. A new way to take control.

ET

Clutch-free four-speed transmission

9kW

Max. power

940N·m

Wheel torque in 1st gear

94kg

Net weight





Vehicle Specifications

Dimensions (L × W × H)	1970 × 820 × 1120mm
Wheelbase	1340mm
Ground clearance	350mm
Seat height	840mm
Net weight	94kg
Max. load	150kg
Frame	Steel / aluminum alloy
Front tire	80/100-19
Rear tire	100/90-16
Brakes	Front / rear disc brakes
Front shock length	790mm
Rear shock	325mm, with gas reservoir
Drive	428 chain / 116 links / 51T
Sprocket material	Aluminum alloy
Lighting	LED headlight; no other lighting ports

Powertrain & Battery

Motor	Permanent magnet synchronous motor
Max. power	9kW
Wheel torque	540N·m; 940N·m in 1st gear
Transmission	Clutch-free, 4-speed
Ride modes	Eco / Sport
Battery	80V 37Ah
Max. speed	110km/h
Max. range	100km (50km/h test condition)
Charging time	3.5h
Charge / discharge temp.	0 to 45°C / -20 to 60°C
Protection rating	IP65

taimumoto

GROW INTO THE WILD

Every step forward is a reason to ride.

F4

Youth electric bike

2500W

Max. power

25kg

Net weight

670mm

Seat height



F4

DETAILED SPECIFICATIONS



Dimensions (L × W × H):	1550 × 770 × 900mm	Drive system:	Rear hub motor
Body material:	Aluminum alloy	Brakes:	Front / rear disc brakes
Wheelbase:	1060mm	Max. power:	2500W
Ground clearance:	270mm	Voltage:	48V
Seat height:	670mm	Battery:	20Ah ternary lithium battery
Net weight:	25kg	Battery cells:	DMEGC 18650
Max. load:	100kg	Power levels:	5 levels
Front / rear tires:	20 × 2.40	Max. speed:	50km/h
Front fork travel:	90mm	Max. range:	45km (25km/h test condition)
Rear shock:	2000lb	Charging time:	4h
		Charging temperature:	0 to 45°C
		Discharge temperature:	-20 to 60°C
		Colors:	Green / Black / Orange

taimumoto

LITTLE RIDER. BIG ADVENTURE.

Where your first adventure begins.

BABEY

Kids' electric bike

1500W
Max. power

21.1kg
Net weight

580mm
Seat height

BABEY

DETAILED SPECIFICATIONS



Dimensions (L × W × H):	1300×560×770mm
Body material:	Aluminum alloy
Wheelbase:	900mm
Ground clearance:	210mm
Seat height:	580mm
Net weight:	21.1kg
Max. load:	70kg
Front / rear tires:	16×2.40
Drive system:	Rear hub motor
Brakes:	Front / rear disc brakes

Max. power:	1500W
Voltage:	48V
Battery:	10Ah ternary lithium battery
Battery cells:	DMEGC 18650
Power levels:	5 levels
Max. speed:	35km/h
Max. range:	35km (25km/h test condition)
Charging time:	3.5h
Charging temperature:	0 to 45°C
Discharge temperature:	-20 to 60°C
Colors:	Green / Black / Orange

taimumoto

FROM CORE TO CONTROL.

ENERGY CORE

Centralized battery layout

TERRAIN CONTROL

Purpose-built suspension
connects bike and terrain

DIRECT RESPONSE

In-house electric drive system

DISTINCTIVE LIGHTING

LED lighting system



Equipment varies by model. See the relevant product page.

www.taimumoto.com

taimumoto

HEAR THE WILD

Make the road ahead your own.

S300

NC300 four-stroke engine

25kW

Max. power

27Nm

Max. torque

120kg

Net weight

S300

ENDURO PURE CONTROL



DETAILED SPECIFICATIONS

DIMENSIONS

Dimensions (L × W × H):	2200×820×1200mm
Wheelbase:	1500mm
Ground clearance:	330mm
Seat height:	970mm
Net weight:	120kg
Max. load:	150kg

TIRES AND BRAKING

Front tire:	90/90-21
Rear tire:	140/80-18
Brakes:	Front / rear disc brakes

SUSPENSION

Front shock length:	950mm
Rear shock length:	480mm

DRIVE SYSTEM

Drive chain:	520 / 116 links / 49T
Sprocket material:	Aluminum alloy

LIGHTING

Lighting:	LED headlight / taillight; no indicators
-----------	--

FUEL AND RANGE

Fuel tank:	11.4L
Max. range:	220km (50km/h test condition)
Max. speed:	110km/h

ENGINE

Engine:	NC300, 4-stroke
Max. torque:	27N·m
Max. power:	25kW

ELECTRICAL AND STARTING

Starter battery:	2A lithium battery (as listed)
Gear pattern:	International shift pattern

taimumoto

TWO-STROKE AWAKENING

Fuel your passion. Chase the next trail.

S300R

XFH300 two-stroke engine

35kW

Max. power

38Nm

Max. torque

110kg

Net weight



S300R

ENDURO MOTORCYCLE



DETAILED SPECIFICATIONS

Dimensions (L × W × H): 2200 × 820 × 1200mm

Wheelbase: 1500mm

Ground clearance: 330mm

Seat height: 970mm

Net weight: 110kg

Max. load: 150kg

Front tire: 90/90-21

Rear tire: 140/80-18

Brakes: Front / rear disc brakes

Front shock length: 950mm

Rear shock length: 480mm

Drive chain: 520 / 116 links / 49T

Sprocket material: Aluminum alloy

Lighting: LED headlight / taillight; no indicators

Fuel tank: 11.4L

Max. range: 220km (50km/h test condition)

Max. speed: 110km/h

Engine: XFH, 2-stroke

Max. torque: 38N · m

Max. power: 35kW

Starter battery: 2A lithium battery (as listed)

Gear pattern: International shift pattern

taimumoto

YOUR TRAIL STARTS HERE

Make the next trail your own.

SN300

NB300 four-stroke engine

19kW

Max. power

24Nm

Max. torque

11.4L

Fuel tank



Lights not included; connection ports provided.

www.taimumoto.com

18 / 28

SN300

DETAILED SPECIFICATIONS



TAIMUMOTO
SN300

⚙️ GENERAL SPECIFICATIONS

Dimensions (L×W×H):	2170×840×1280mm
Wheelbase:	1500mm
Ground clearance:	330mm
Seat height:	970mm
Net weight:	119kg
Max. load:	150kg

🌀 TIRES & BRAKES

Front tire:	80/100-21
Rear tire:	110/100-18
Brakes:	Front / rear disc brakes

🔧 SUSPENSION & DRIVE

Front shock length:	930mm
Rear shock length:	480mm
Drive chain:	520 / 118 links / 49T
Sprocket material:	Steel

🛢️ FUEL & RANGE

Fuel tank:	11.4L
Max. range:	220km (50km/h test condition)
Max. speed:	100km/h

🔧 ENGINE & ELECTRICAL

Engine:	NB300, 4-stroke
Max. torque:	24N·m
Max. power:	19kW
Starter battery:	12V 4Ah lead-acid battery
Gear pattern:	International shift pattern

💡 LIGHTING

Lighting:	Lights not included; head / tail ports provided
-----------	---

taimumoto



INTO THE FOREST

Ride deeper. Find your flow.

SY300

YBS300 four-stroke engine

21kW
Max. power

25Nm
Max. torque

11.4L
Fuel tank

taimumoto

SY300

ENDURO MOTORCYCLE



DETAILED SPECIFICATIONS

Dimensions (L × W × H): 2200 × 820 × 1200mm

Wheelbase: 1500mm

Ground clearance: 330mm

Seat height: 970mm

Net weight: 117kg

Max. load: 150kg

Front tire: 80/100-21

Rear tire: 110/100-18

Brakes: Front / rear disc brakes

Front shock length: 930mm

Rear shock length: 480mm

Drive chain: 520 / 118 links / 49T

Sprocket material: Steel

Lighting: Lights not included; head / tail ports provided

Fuel tank: 11.4L

Max. range: 220km (50km/h test condition)

Max. speed: 100km/h

Engine: YBS300, 4-stroke

Max. torque: 25N·m

Max. power: 21kW

Starter battery: 12V 4Ah lead-acid battery

Gear pattern: International shift pattern

Source: product specification sheets.

Range is based on the listed test conditions; actual results vary with use.

www.taimumoto.com

taimumoto

FEEL THE TWO-STROKE

Ride to your own rhythm.

SJ250

Loncin MT250 two-stroke engine

25kW
Max. power

30Nm
Max. torque

105kg
Net weight

SJ250

DETAILED SPECIFICATIONS



GENERAL SPECIFICATIONS

Dimensions (L×W×H):	2120×800×1235mm
Wheelbase:	1440mm
Ground clearance:	340mm
Seat height:	910mm
Net weight:	105kg
Max. load:	150kg

ENGINE & POWER

Engine:	Loncin MT250, 2-stroke
Max. torque:	30N·m
Max. power:	25kW
Starter battery:	2A lithium battery (as listed)

CHASSIS & DRIVETRAIN

Front tire:	90/90-21
Rear tire:	140/80-18
Brakes:	Front / rear disc brakes
Front shock length:	838mm
Rear shock length:	509mm
Drive:	520 chain / 110 links / 42T
Sprocket material:	Aluminum alloy

OTHER EQUIPMENT

Lighting:	LED
Fuel tank:	5.3L
Max. range:	100km (50km/h test condition)
Max. speed:	110km/h

taimumoto

UNLEASH THE WILD

Chase the trail. Enjoy every turn.

SJ300

XFH300 two-stroke engine

35kW
Max. power

38Nm
Max. torque

105kg
Net weight



taimumoto

SJ300

DETAILED SPECIFICATIONS

VEHICLE SPECIFICATIONS

Dimensions (L×W×H): 2120×800×1235mm

Wheelbase: 1440mm

Ground clearance: 340mm

Seat height: 910mm

Net weight: 105kg

Max. load: 150kg

TIRES AND BRAKING

Front tire: 90/90-21

Rear tire: 140/80-18

Brakes: Front / rear disc brakes

Front shock length: 838mm

Rear shock length: 509mm

ENGINE AND POWER

Engine: XFH300, 2-stroke

Max. torque: 38N·m

Max. power: 35kW

Starter battery: 2A lithium battery (as listed)

DRIVETRAIN AND EQUIPMENT

Drive: 520 chain / 110 links / 42T

Sprocket material: Aluminum alloy

Lighting: LED

Fuel tank: 5.3L

Max. range: 100km (50km/h test condition)

Max. speed: 110km/h



taimumoto



YOUNG. DRIVEN.

HS85

Start with practice. Build your passion.

Liquid-cooled two-stroke single-cylinder engine

84.9cc

Actual displacement

69kg

Dry weight

6-speed

Transmission

DETAILED SPECIFICATIONS

ENGINE AND POWERTRAIN

Actual displacement:	84.9cc
Engine:	Single-cylinder / 2-stroke / liquid-cooled
Starting:	Kick start
Fuel supply:	Carburetor
Ignition:	CDI
Fuel mix:	95 RON petrol / 2T oil = 40:1
Clutch:	Hydraulic / wet multi-plate / disc spring
Transmission:	Constant-mesh, 2-stage, 6-speed
Gear sequence:	1-0-2-3-4-5-6
Engine net weight:	13.7kg (incl. oil, pumps and hoses)
Engine technology:	Upgraded head, spark plug and ignition



CHASSIS AND SUSPENSION

Frame:	Chromoly steel
Swingarm:	One-piece
Front suspension adjustment:	Compression / rebound
Rear suspension adjustment:	High / low-speed compression; rebound
Suspension travel:	Front 250mm / rear 92mm

BRAKES AND WHEELS

Front brake:	220mm single disc
Rear brake:	210mm single disc
Front wheel:	19in
Rear wheel:	16in

DIMENSIONS AND WEIGHT

Seat height:	850-890mm, adjustable
Dry weight:	69kg
Wheelbase:	1290mm
Fuel tank:	5L
Oil capacity:	0.90L

taimumoto

YOUR NEXT RIDE STARTS HERE.

Business partnerships / Product enquiries

www.taimumoto.com

business@taimumoto.com

Chongqing, China

