

DYNO M

ELECTRIC OFF-ROAD
MOTORCYCLES



WWW.DYNOBIKES.PRO



DYNO^M

Introducing the DYNO M, a cutting-edge enduro motorcycle derived from military-grade terrain electric tactical bike model, now available for civilian adventurers. Built to withstand the harshest conditions, the DYNO M features a powerful and robust but ultralight electric motor and advanced suspension system, ensuring exceptional performance on any terrain. It's lightweight, durable frame and stealthy design offer unparalleled agility and resilience. DYNO M is the ultimate fusion of military toughness and modern terrain e-bike innovations. Experience the power, reliability and ultra lightnees of a ride with the DYNO M, designed for the toughest terrain trails and the wildest adventures.

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MAPS | 3 MAPS
(Eco, Sport, Extreme)

BATTERY

REMOVABLE LITHIUM-ION BATTERY 14S18P

Voltage: 50.4V nominal, 58.8V maximal
Capacity: 54Ah
IP64 (dust and splashing water)

FRONT FORK

Manitou Dorado COMP 27.5"
203mm travel

HIGHLIGHTS



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FRAME

heavy duty frame design
maximum load 160 kg
manually welded
fitted by threaded inserts and bolt
sliding bearings

ENGINE

nominal power 13kW
peak power 18kW
weight 6kg
hall and temp. sensors

ENGINE PROTECTOR

lightweight aluminium
engine protector

FRONT BRAKES

4 piston Dominion HS4
brake disc GALFER WAVE
223mm

HIGHLIGHTS

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REMOVABLE SEAT AND SUBFRAME GROUP

for easy battery hotswap and
service access

SWINGARM

reinforced swingarm
protected by chain sliders

REAR SHOCK

ELKA
180mm

REAR BRAKES

4 piston Dominion HS4
brake disc GALFER WAVE
203mm

FOOTRESTS

HARD ROCK STEEL
by S3 Parts

HIGHLIGHTS

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MULTIFUNCTIONAL
DIGITAL DISPLAY
WITH CAN COMMUNICATION

PRO-TAPER HANDLEBARS

HIGHLIGHTS



MAXXIS MAXXCROSS TIRE
70/100-19
RIM DID 1.85 X 19 32H DID

MAXXIS MAXXCROSS TIRE
70/100-19
RIM DID 2.15 X 19 32H DID

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CHASSIS

FRAME	Aluminium, hand welded
FRONT BRAKE	4 piston DOMINION Hs4, GALFER WAVE 223mm disc
REAR BRAKE	4 piston DOMINION Hs4, GALFER WAVE 203 mm disc
FRONT RIM	DID 1.85 X 19 32H DID
REAR RIM	DID 2.15 X 19 32H DID
FRONT TIRE	MAXXIS MAXXCROSS 70/100-19
REAR TIRE	MAXXIS MAXXCROSS 70/100-19
FRONT FORK /STROKE	MANITOU DORADO COMP / 203MM
REAR SHOCK / STROKE	ELKA / 180MM
COLOURS AVAILABLE	GREEN, GRAY, OLIVE CAMO

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POWER 13 KW NOMINAL / 18KW PEAK

WEIGHT 6KG

ENGINE AIR COOLING FINS

INTEGRATED TEMPERATURE SENSOR

HALL SENSOR

AIR-PERMEABLE HOLLOW MOTOR AXIS FOR OPTIMAL ENGINE COOLING

MOTOR

NOMINAL POWER	13 KW
PEAK POWER	18 KW
MAXIMUM TORQUE	30 NM
ENGINE RPM	6.500
TOP SPEED	70 km/h (gear kit 12T/34T/52T)
PRIMARY DRIVE CHAIN	3/8" X 7/32" IWIS G67
MAIN DRIVE CHAIN	RK TAKASAGO 420 MS
COOLING	AIR COOLING
ENERGY RECUPERATION	YES

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FULLY SERVICEABLE BATTERY WITH
REMOVABLE INTERNAL CELLS PACKET

DIGITAL BMS WITH CAN COMMUNICATION
4X BATTERY THERMAL SENSORS, 1X INTERNAL HUMIDITY SENSOR

HOT-SWAP BATTERY 54AH

BATTERY HANDLE FOR EASY MANIPULATION

CHARGING CONNECTOR IP 65
(DUST AND LOW PRESSURE WATER)

SILIXCON SC CONTROLLER
72V / 400A

BATTERY

BATTERY	FAST HOT-SWAP LITHIUM-ION BATTERY 14S18P
VOLTAGE	50.4V NOMINAL / 58.8V PEAK
CAPACITY	54 Ah / 2.75 kWh
BATTERY WEIGHT	16 kg
CHARGER	optional 10A/15A/30A
CHARGE TIME	4-4.5 hour
CHARGE CYCLE	1000+
AUTONOMY	up to 60km / 3h (difficult terrain conditions)

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DIMENSIONS & WEIGHT



LENGTH	1.940 mm
WIDTH	18 mm (FRAME), 820 mm (HANDLEBAR)
SEAT HEIGHT	990 mm
WHEELBASE	1.340 mm
LIGHT HEIGHT	320 mm
WEIGHT	64 Kg
MAXIMUM LOAD	160 Kg

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MULTIFUNCTIONAL DISPLAY

LCD display provides basic driving information available on particular switchable screens. List of screens:

- speed
- trip odo
- total odo
- battery voltage
- battery capacity %
- engine temperature
- battery temperature
- selected driving map (all screens)
- battery status info

BATTERY STATUS INFO

Digital BMS provides via CAN communication protocol various battery status and diagnostics information on multifunctional display.

LIST OF SYSTEM AND DIAGNOSTIC INFORMATION: battery humidity, battery cells balance status and individual cells voltages, battery temperatures, SOC, SOH, number of cycles.

BIKE CONTROL & COMMUNICATION

The Bike control & communication system integrates various analogs and digital sensors and control units. Through CAN protocol system online monitors and displays riding data. System also helps to the bike user process basic motorcycle diagnostics. Wifi and Bluetooth interface feature of the Bike control & communication system enables connection with the mobile phone application and remains opened for future application development.



AVAILABLE COLORS

GREEN



GRAY



OLIVE CAMO



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POWER PARTS

DYNO M POWERPARTS

Ultimate range of powerparts designed specifically for the DYNO M electric bike, enhancing performance, durability, and style. Elevate your riding experience with our premium accessories and upgrades tailored for every adventure.

- * CHARGER 15A (fast)
- * 30A CHARGER KIT (include superfast chargeable battery)
- * REAR WHEEL 16"
- * REAR WHEEL 21"
- * FRONT AND REAR LIGHTS KIT
- * HIGH SEAT
- * NON-SLIP COVER SEAT
- * MOTORCYCLE STAND
- * CHAIN TENSIONERS KIT
- * S3 RACING FOOTRESTS KIT
- * REAR SPROCKET 56T
- * SPEED & TOURING PRIMARY GEAR KIT (15T/34T/52T - 85 km/h)
- * ELKA R36E RACING REAR SHOCK (COMMING SOON)
- * ELKA PB36CR EXTREME REAR SHOCK (COMMING SOON)



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EXAC s.r.o.

ZBRASLAVSKA 27, 159 00 PRAGUE 5, CZECH REPUBLIC

sales@dynobikes.pro

The vehicles shown may differ in selected details from the production models and in some images optional equipment is available at an additional cost. All data regarding the scope of delivery, appearance, services, dimensions and weights are non-binding and accurate, with the understanding that there may be errors in e.g. printing, setting and/or writing, this information is subject to change without notice. Please note that model specifications may vary from country to country. Color variations may occur on coated surfaces due to normal process variations. The stated consumption values refer to the operational serial condition of the vehicles at the time of factory delivery.

WARNING: THE DYNO M MOTORCYCLE IS NOT INTENDED FOR ROAD USE. IT IS DESIGNED EXCLUSIVELY FOR OPERATION ON CLOSED TRACKS AND DESIGNATED OFF-ROAD AREAS.