



72V Electric Motorcycle with 130km/h Top Speed and Swappable Battery for Motocross Racing

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: Golden Motor
- Model Number: GMX
- Minimum Order Quantity: 1
- Price: \$5,899-9,600

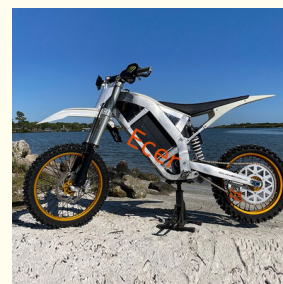


Product Specification

- Max Speed: 130km/h
- Voltage: 72V
- Range: 100km
- Weight: 120kg
- Motor Type: Brushless
- Frame Material: 7075 Aluminum
- Dimensions: 221x81.3x129.5cm
- Ground Clearance: 340mm
- Seat Height: 953mm
- Front Tire: 21" Off Road Tire
- Rear Tire: 19" Off Road Tire
- Front Suspension: FastAce
- Rear Suspension: FastAce
- Battery Capacity: 72V 73AH (5.2kWh)
- Charging Time: 4h



More Images



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Product Description

2024 Ultra Bee High Performance Electric Motocross Motorcycle

Super Motocross with minimalist design, swappable battery, and DIY-capable construction. Clean, efficient, reliable, and monstrously powerful with self-upgradeable capabilities.



Off-Road / Supermoto



40 HP • 600Nm • 5.2kWh Swappable Battery • 130 km/h • 120kg

Technical Specifications

Frame Design	Double-cradle-type 7075 aluminum
Dimension	221x81.3x129.5cm
Steering Head Angle	63.9°
Ground Clearance	340mm
Seat Height	953mm
Weight	265lbs (120kg)
Front Tire	21" off road tire
Rear Tire	19" off road tire
Front Suspension	FastAce
Rear Suspension	FastAce
Front Suspension Travel	300mm
Rear Suspension Travel	275mm
Front Hydraulic Brake Disc	260mm
Rear Hydraulic Brake Disc	220mm
Motor	Clutchless direct drive, air cooled BLDC Motor
Controller	FOC sine wave controller
Battery	72V 73AH (5.2kWh) swappable lithium-ion battery
Charging Time	4h
Rated Power	11kW
Peak Power	30kW
Peak Torque	600Nm

Top Speed	75mph (130km/h)
Max Range	75miles (130km)

GMX Electric Motorcycle: Power, Simplicity & Convenience

Experience high-speed electric motorcycling unlike anything you've seen before. Featuring minimalist clean design, monstrous powerful motor, sturdy aluminum chassis, quick swappable battery, and DIY-capable design - this motorcycle represents the future of transportation.

As a motorcycle enthusiast, you demand the best in both performance and style. Our GMX electric motorcycle delivers with a sleek, streamlined design that's both aesthetically pleasing and functional. The swappable battery system allows easy battery replacement when needed, eliminating charging station dependency. For DIY enthusiasts, the maintenance-free design means top condition with minimal tools.

Key Features

High-Torque Axial Flux Motor

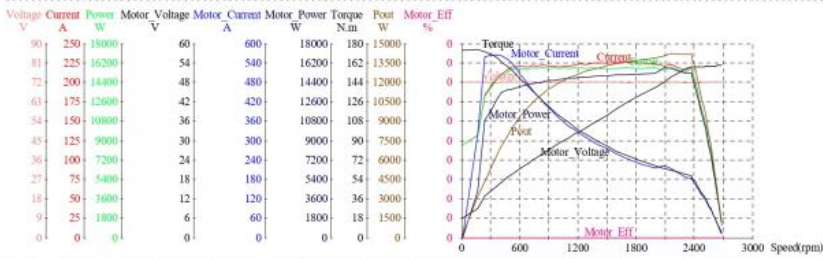


- Long working life (>20,000 hours)
- Low noise operation with high torque output
- Excellent performance characteristics
- High efficiency (>90%)
- High reliability
- Rated voltage: 24-144 VDC
- Rated power: 200W-30,000W
- Rated speed: 2000-6000 rpm
- Cooling options: Fan or Liquid
- Temperature sensor installed
- Stepless speed control, dual-direction operation

Field Weakening Capability

Changzhou Goldenmotor Technology Co.,Ltd

Customer: Voltage: 72V
 ProductName: HTM Motor Power rated: 11KW
 Motor Type: 72V11KW Tester: Liuzhipeng WangChao
 Number: 202311160007 Test Data: 2023.11.16



State	Input Voltage	Input Current	Input Power	Motor Voltage	Motor Current	Motor Power	Motor Power Factor	Motor Frequency	Torque	Speed	Output Power	Controller Efficiency	Motor Efficiency	Total Efficiency	Time
	V	A	W	V	A	W		Hz	N.m	rpm	W	%	%	%	S
No_Load	72.03	22.24	1488	53.33	17.17	1427	0.900	223.31	3.4	2680.7	954.3	95.9	66.9	64.1	0.000
Rated															
Eff_max	71.91	215.3	15332	52.17	186.3	15242	0.906	194.10	58.6	2313.7	14196	99.4	93.1	92.6	52.43
Post_max	71.98	223.0	15823	49.75	211.5	15691	0.861	180.42	62.7	2169.5	14242	99.2	90.8	90.0	55.65
Torque_max	72.00	131.4	9452	8.956	318.3	4284	0.868	15.64	174.8	171.9	3146	45.3	73.4	33.3	105.5
End	71.99	119.5	8595	5.979	0.000	0.000	0.000	0.00	173.7	12.7	231.0	0.0	0.0	2.7	108.1

Field weakening controller allows operation beyond usual speed range, enabling higher top speeds without sacrificing low-speed torque. The motor handles high-speed operation up to 60% higher than base speed, providing superior riding experience.

Direct Chain Power Transmission



Chain transmissions offer higher power transfer efficiency, durability, and performance for high-speed motorcycles. Easy maintenance and replacement with customizable front and rear sprockets for desired speed and torque.

Quick Swappable Battery Pack



Setting ⋮ 🔍

[↓ Import](#) [↻ Update](#)

Gear	→	EBS	←
Flux weakening	EBS reference current(A)	<input type="text" value="0"/>	
EBS			
Hold	EBS max voltage(V)	<input type="text" value="73"/>	
Self-learning	EBS min rotor speed(rpm)	<input type="text" value="80"/>	
Meter			
Communication	EBS auto mode enable	Disable ▾	
Line contactor	→	Hold	←
Buzzer	Hold current(A)	<input type="text" value="0"/>	

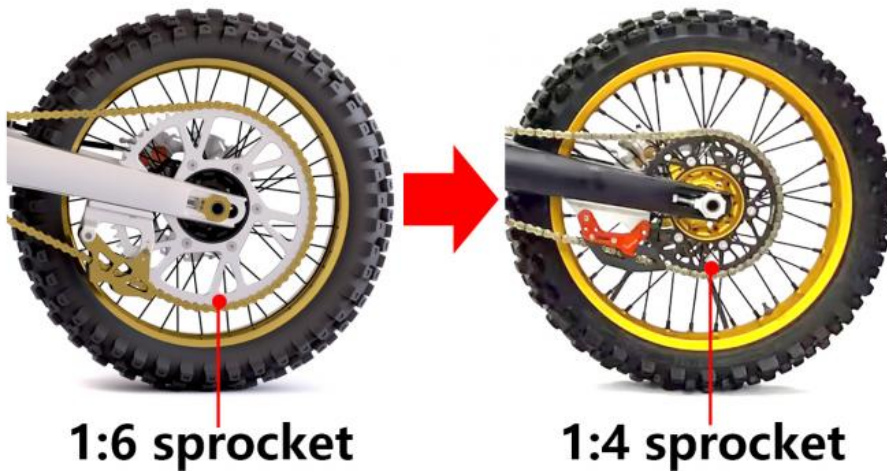
[📊 Monitor](#) [⚙️ Setting](#) [👤 Main](#)

Never worry about running out of power. Our innovative quick-swappable battery pack allows instant replacement of depleted batteries with fully charged units in under one minute.

Regenerative Braking System

Axial flux motors with dual rotors efficiently support regenerative braking, recovering energy during deceleration for extended range.

Reduced Noise and Vibration



Low Cogging Torque: The unique design of axial flux motors enables them to produce lower cogging torque. This is particularly beneficial in applications requiring smooth operation and precise control.

Additionally, converting a large sprocket to a small sprocket can effectively reduce noise.

The axial flux motor design results in quieter operation and less vibration compared to traditional radial motors.

Simplified Gearless Design

Minimalist design eliminates unnecessary complexity. With fewer moving parts and easy-to-maintain structure, perfect for DIY enthusiasts valuing simplicity and reliability.

Business Partnership Opportunities

We're seeking qualified distributors worldwide to market our products and service customers locally. Partners can use their own brands and we offer complete solution kits for existing gasoline motorcycle manufacturers to quickly enter the electric motorcycle business. Use local parts and develop battery packs locally to reduce shipping costs.

Available Colors & Customization

GMX | MOTORCROSS | SUPERMOTO

Color



White



Black



Camo

GMX motorcycles come in different colors and appearances - select according to your preferences.

Product Gallery





About Golden Motor



Golden Motor produces high-quality electric motors and key components for all types of electric vehicles. Founded in 2007, we began supplying patented hub motors to Walmart and have since expanded globally through strict quality control and competitive pricing.

Our bestselling high-powered BLDC motors serve diverse industrial applications with customizable, programmable flexibility. We also manufacture electric bicycles, motorcycles, wheelchairs (FDA approved), boat engines, and outboards.



Engineering Leadership Team

COO He Zhang

Nearly 20 years experience in machinery with approximately 50 patents.



Main Engineer A Chang

Nearly 18 years experience in machinery with approximately 30 patents.



Main Engineer Kevin

Nearly 15 years experience in machinery with approximately 20 patents.

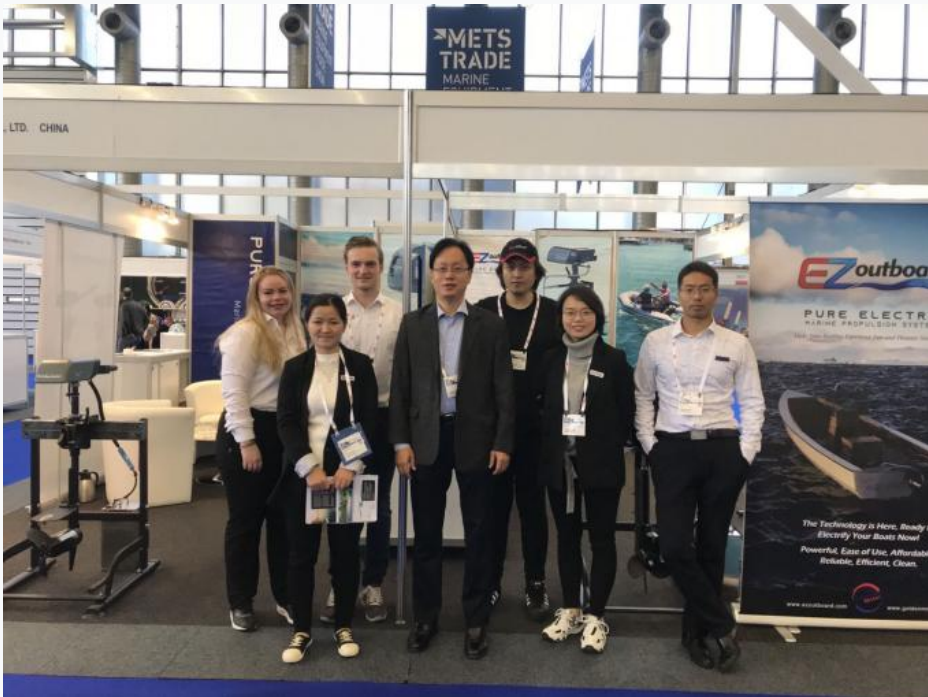
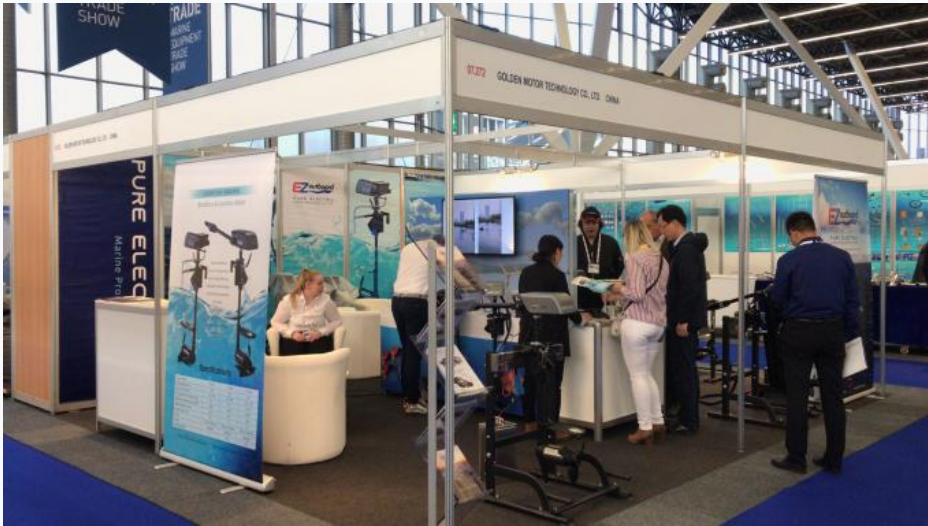


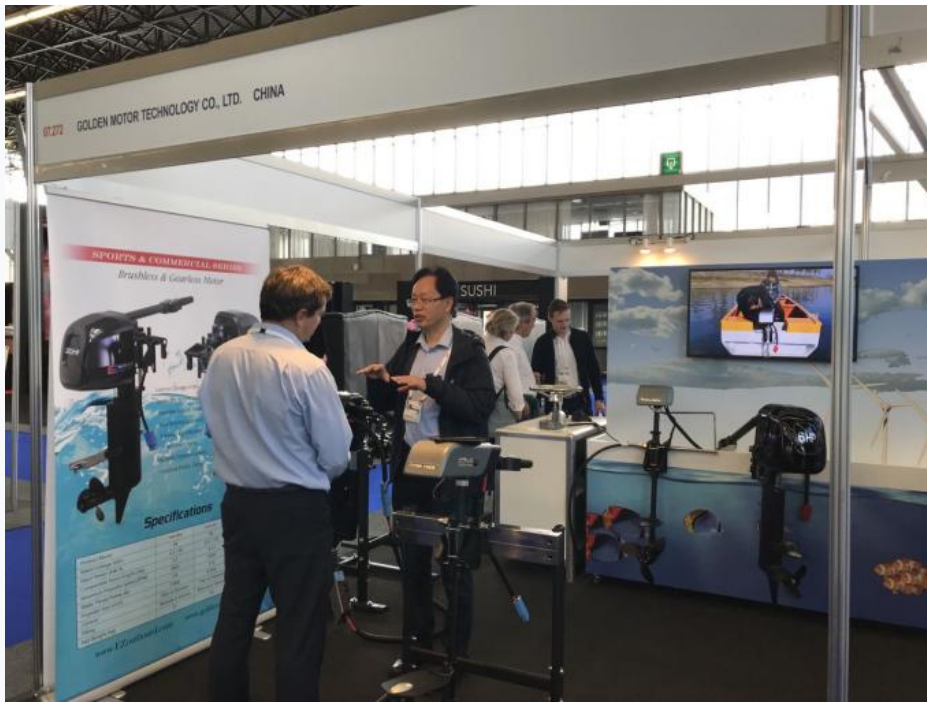
Global Exhibition Presence











Our shipping process is both stable and speedy, ensuring timely delivery without delays. With reliable logistics and efficient handling, your package arrives with precision and care.

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