



TOP **POWER**
DRIVE TECHNOLOGY



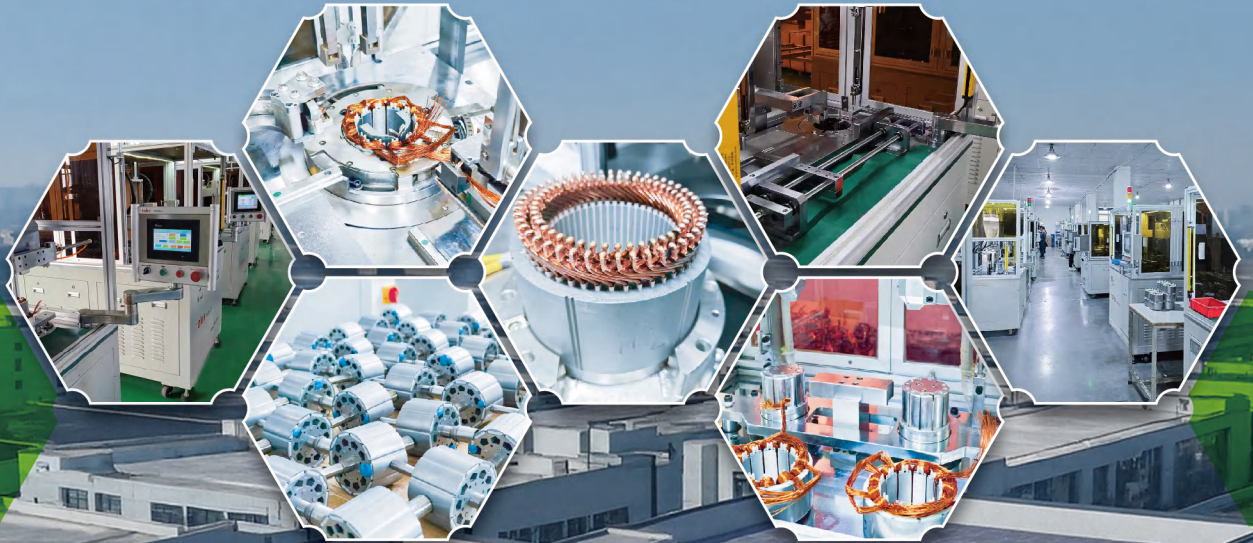
常州东本驱动技术股份有限公司
CHANGZHOU TOPPOWER DRIVE TECHNIQUES CO.,LTD



Changzhou Toppower Drive Techniques Co., Ltd. specializes in the R&D and manufacturing of high-performance brushless DC permanent magnet synchronous motors, controllers, and transmission systems. Covering a power range from 350W to 15kW and voltage platforms from 36V to 120V, we provide integrated E-drive solutions widely applied in electric three- and four-wheel vehicles, sightseeing vehicles, boats, forklifts, high-speed electric motorcycles, garden machinery, engineering equipment, and intelligent valve actuators.


With advantages of high efficiency, energy saving, powerful torque output, and intelligent control, Toppower has become a reliable partner for global customers. More than 90% of our products are exported to international markets, such as the United States, European Union, India, and Turkey.

Recognized as a National High-Tech Enterprise, Jiangsu's Provincial Specialized and Innovative Enterprise, and Changzhou's Fast-growing Gazelle Enterprise, Toppower operates a municipal-level technological center dedicated to innovation and high-quality growth. Toppower holds more than 60 intellectual property patents and has achieved multiple international certifications, including ISO9001, CE, 3C, and ICAT.



**WE PROVIDE CUSTOMIZED
SOLUTIONS FOR YOUR EV**




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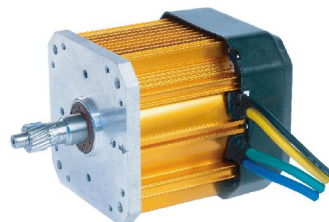
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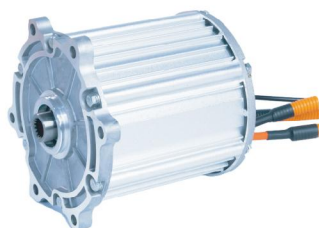
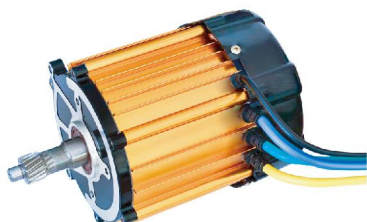
120 SERIES MOTOR

Volt.: DC48/60/72V/96V
 Rated Power: 350W-1.5kW
 RPM: 2000-4000
 Eff: $\geq 90\%$
 Amb.: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
 IP: 54~67
 Ins. CL.: F



128 SERIES MOTOR

Volt.: DC48/60/72V/96V
 Rated Power: 1.2-2kW
 RPM: 2000-6000
 Eff: $\geq 90\%$
 Amb.: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
 P: 54~67
 Ins. CL.: F



133 SERIES MOTOR

Volt.: DC48/60/72V/96V
 Rated Power: 1.2-2.5kW
 RPM: 2000-4500
 Eff: $\geq 90\%$
 Amb.: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
 IP: 54~67
 Ins. CL.: F



140 SERIES MOTOR

Volt.: DC48/60/72V/96V
 Rated Power: 1.5-4kW
 RPM: 2000-6000
 Eff: $\geq 90\%$
 Amb.: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
 IP: 54~67
 Ins. CL.: F



145 SERIES MOTOR

Volt.: DC48/60/72V/96V
 Rated Power: 2-6kW
 RPM: 2000-6000
 Eff: $\geq 90\%$
 Amb.: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
 IP: 67
 Ins. CL.: F



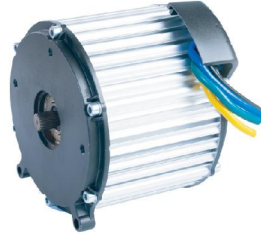
ELECTRIC MOTORCYCLE MOTOR

Volt.: DC36/48/60/72/96V
 Rated Power: 1-3kW
 RPM: 2000-6000
 Eff: $\geq 90\%$
 Amb.: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
 IP: 67
 Ins. CL.: F



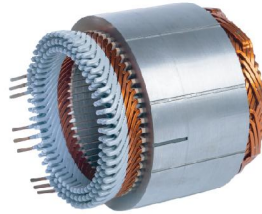
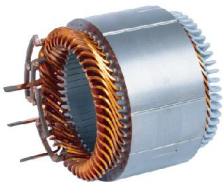
180 SERIES MOTOR

Volt.: DC48/60/72/96V
 Rated Power: 3-10KW
 RPM: 2000-8000
 Eff: ≥90%
 Amb.: -20°C~+50°C
 IP: 54~67
 Ins. Cl.: F



HAIRPIN MOTOR

Stator diameter: 128/140/145/155
 Volt.: DC48/60/72V
 RPM: 2000-10000
 Rated Power: 1.5-10kW
 Eff: ≥90%
 Ins. Cl.: F



TP-160/180

Braking diameter: 160/180
 Max.load: 700kg
 Max.speed: ≤35km
 Rater power: 500W-1200W
 Ratio: 1:8/1:10
 Efficiency: ≥97%
 Brake type: Drum
 Control mode: machinery



TP-220

Braking diameter: 220
 Max.load: 1500kg
 Max.speed: ≤50km
 Rater power: 500W-4000W
 Ratio: 1:8/1:10/1:22
 Efficiency: ≥97%
 Brake type: oil brake
 Control mode: Hydraul



INDEPENDENT SUSPENSION REAR AXLE

Max. PWR: 4kW
 Max. payload: 1000kg
 Max SPD: 60km/h



HIGH EFFICIENCY



HIGH TORQUE



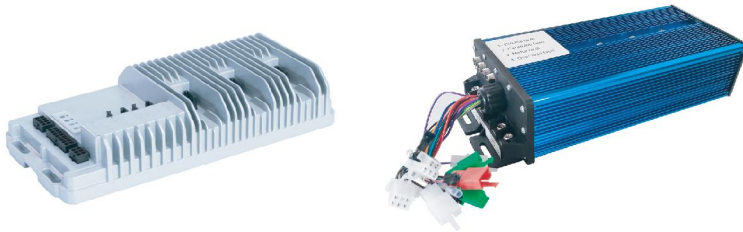
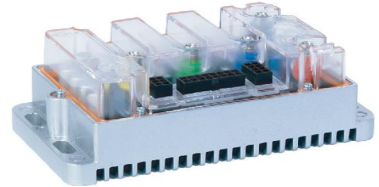
LONG MILEAGE



LOW NOISE

TP120 CONTROLLER

Volt: DC48/60/72V/96V
Curr: 25-35A
Rated Power: 350-650W
Eff: $\geq 90\%$



TP240 CONTROLLER

Volt: DC48/60/72V/96V
Curr: 35-65A
Rated Power: 800-1500W
Eff: $\geq 90\%$

TP300 CONTROLLER

Volt: DC48/60/72V/96V
Curr: 50-100A
Rated Power: 1000-3000W
Eff: $\geq 90\%$



TP400 CONTROLLER

Volt: DC48/60/72V/96V
Curr: 80-150A
Rated Power: 1000-5000W
Eff: $\geq 90\%$

TP500 CONTROLLER

Volt: DC48/60/72/96V
Curr: 150-300A
Rated Power: 7-10kW
Eff: $\geq 90\%$

