



BLDC Motor & Driver for EVs

BLDC driving system is composed of brushless motor and its driver. Brushless motor is a motor without electric brush and commutator (or collector), so called No-Commutator Motor. BLDC Motor Driver adopts most advanced motor controlling technology, with full functions to be reliable and operation-steadily. The system has been improved at efficiency and make realize re-brake, skid backward proof, false indication, thus improving range of one charge and safety performance. It is widely used in EVs driving system solution.

Technical Specification

Rated Power	Rated Voltage	Rated Speed	Rated Torque	Peak Power
1KW	24V/48V/60V/72V/96V	1500/3000rpm	6.4/3.2NM	2.5KW
1.5KW	24V/48V/60V/72V/96V	1500/3000rpm	9.6/4.8NM	5KW
2KW	24V/48V/60V/72V/96V	1500/3000rpm	12.7/6.4NM	5KW
2.5KW	24V/48V/60V/72V/96V	1500/3000rpm	15.9/8.0NM	6KW
3KW	24V/48V/60V/72V/96V	1500/3000rpm	19.1/9.6NM	7KW
3.5KW	48V/60V/72V/96V	1500/3000rpm	22.3/11.2NM	6KW
4KW	48V/60V/72V/96V/110V	1500/3000rpm	25.5/12.8NM	10KW
5KW	48V/60V/72V/96V/110V	1500/3000rpm	31.8/15.9NM	12KW
6KW	60V/72V/96V/110V	1500/3000rpm	38.2/19.1NM	13KW
6.3KW	60V/72V/96V/110V	1500/3000rpm	40.1/20.1NM	14KW
7KW	60V/72V/96V/110V	1500/3000rpm	44.6/22.3NM	15KW
7.5KW	60V/72V/96V/110V	1500/3000rpm	47.8/23.9NM	16KW
PM8KW	72V/96V/110V	1500/3000rpm	50.9/25.5NM	20KW
PM 10KW	96V/110V	1500/3000rpm	63.6/31.8NM	25KW
PM 12KW	144V/196V	1500/3000rpm	76.4/38.2NM	30KW
PM 15KW	196V	1500/3000rpm	95.5/47.8NM	40KW
PM 22KW	196V	1500/3000rpm	140.1/70.1NM	55KW

***Rated Speed and Rated Voltage at different Rated Power can be customized. ***

***3 phase AC frequency conversion asynchronous motor can also be customized. ***

***PM8KW, PM10KW, PM12KW, PM15KW, PM22KW are permanent magnet motor, not BLDC. ***

