



Controller

The KT series controllers are suitable for all kinds of high or low speed motor. It adopts microcomputer chip control and has the features of intelligent phase discrimination, high efficiency, waterproof, dustproof, high reliability and so on.



Features:

1. Sine wave control method;
2. The unique current control algorithm;
3. Suitable for any brushless motors of e-bike;
4. Automatically applicable to both of the 60 degree and 120 degree motors;
5. Automatically detect the motor phase angle, holl phase and output phase of electric bike;
6. Dynamic inspection. Once any part fails, the controller automatically takes protection and fully ensure the safety of riding;
7. Automatically detects the states of motor overcurrent or stalling and controls current automatically;
8. Once any phase of electric bike motor fails, the controller takes protection;
9. Anti-speed function improves the security of the system.



Controller Model Table

Model	Rated (VDC)	Limit current(A)	Max. Current(A)	Limitpower(W)	L*W*H(mm)	Power tube
MK144-24	24v	6	12	144	89*52*31	6
MK168-24		7	15	168		
MK240-24		10	20	240	130*66*39	9
MK280-24		12	25	288		
MK360-24		15	30	360		
MK408-24		17	35	408	175*82*41	12
MK408-24			20	40		
MK216-36	36v	6	12	216	89*52*31	6
MK252-36		7	15	252		
MK360-36		10	20	360	130*66*39	9
MK432-36		12	25	432		
MK540-36		15	30	540		
MK612-36		17	35	612	175*82*41	12
MK720-36			20	40		
MK288-48	48v	6	12	288	89*52*31	6
MK336-48		7	15	336		
MK480-48		10	20	480	130*66*39	9
MK576-48		12	25	576		
MK720-48		15	30	720		
MK816-48		17	35	816	175*82*41	12
MK960-48			20	40		