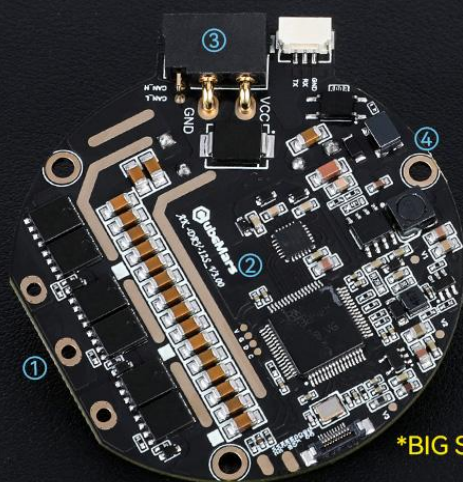
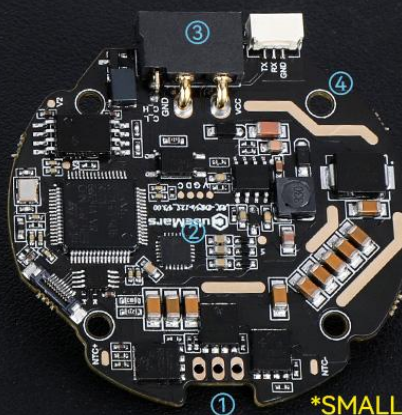


CubeMars driverboard V3.0 is the third-generation brushless motor controller integrated into our AK V3.0 series. You can connect it to a PC using the RUBIK LINK V3.0 interface tool and perform motor control, tuning, and firmware upgrades via the CubeMars Tool V3.0 software. This drive board supports both Servo mode and MIT mode, offering single-loop control for velocity, current, torque, brake, and position, as well as multi-loop control such as position-velocity loop control.

- ①Three-phase wires connection port ②Hardware version
③Connection port ④Mounting holes



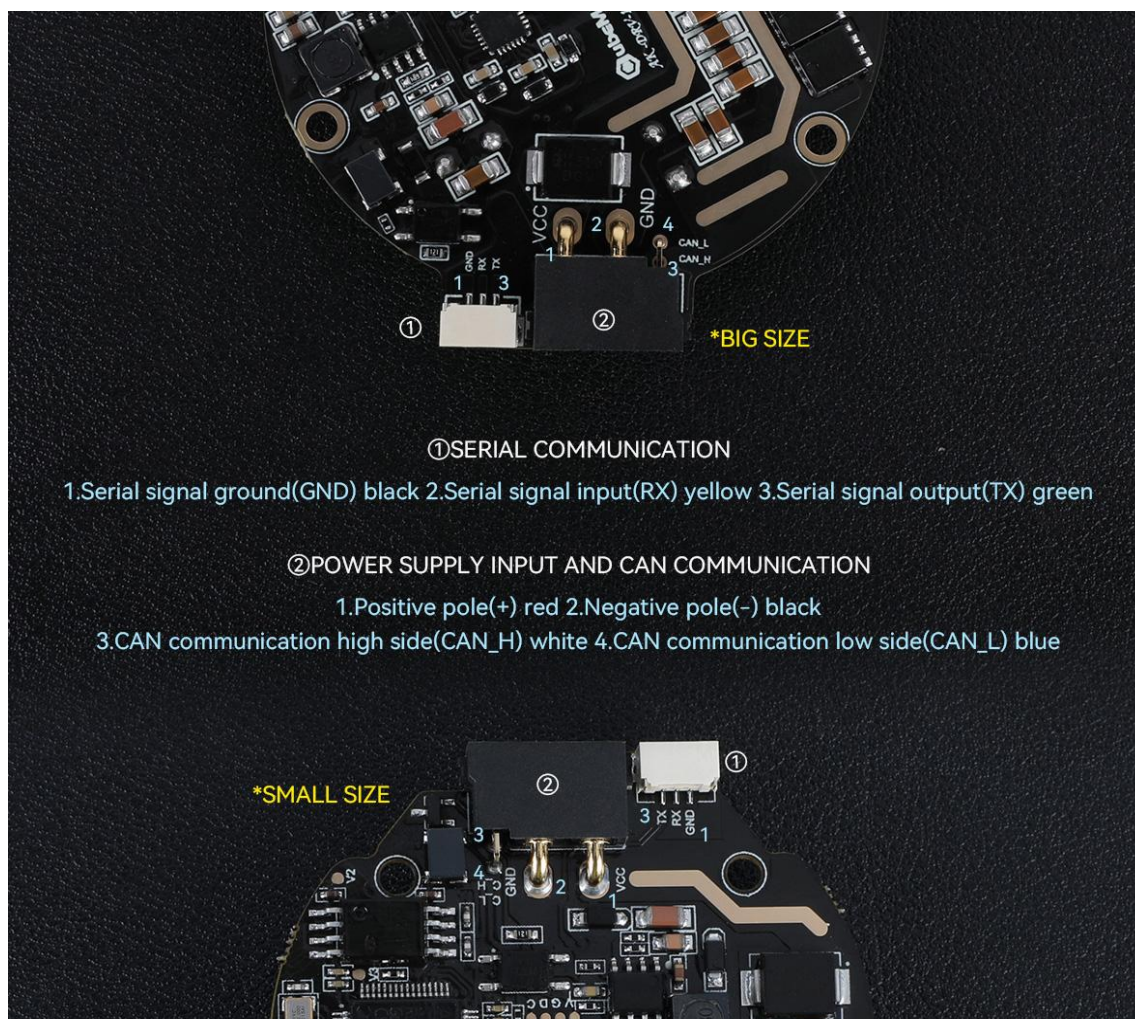
*BIG SIZE



*SMALL SIZE

SPECIFICATION

	SMALL SIZE	BIG SIZE
Rated working voltage:	48V	48V
Allowable working voltage:	18-52V	18-52V
Rated working current:	10A	20A
Maximum current:	30A	60A
Standby power consumption:	≤50mA	≤50mA
CAN bus bit rate:	1Mbps	1Mbps
Size:	54mm*54mm	63mm*57mm
Operation environment temperature:	-20°C-65°C	-20°C-65°C
Maximum allowable temperature for control board:	100°C	100°C



For more information on control methods and debugging operations, please refer to the AK Series Module Product Manual V3.0, as well as our tutorials on Bilibili and YouTube. If you have further questions regarding compatibility or control, feel free to consult our online support team!