

MAIN CHARACTERS

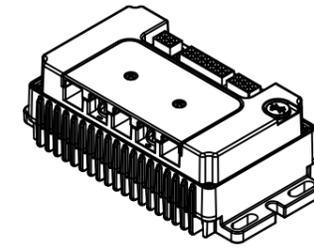
Rated invert capability 30 minutes continue	2.5KVA	Max. invert capability 60 seconds continue	5KVA Under good heat dissipation condition
DC input capability	150A	Control mode	FOC SVPWM
Invert efficiency Max	99%	Communication	CANBUS
Host software	Windows/Android/iOS	Debug Interface	Usart, BlueTooth
Ambient temperature	-40~55°C	Altitude	4000m
Protect grade	IP65	Weight	1.0kg@2KVA
Protection	LVP, OVP, OCP, Temperature monitor, Short Circuit protect		

AVAILABLE MODELS FOR ORDERING

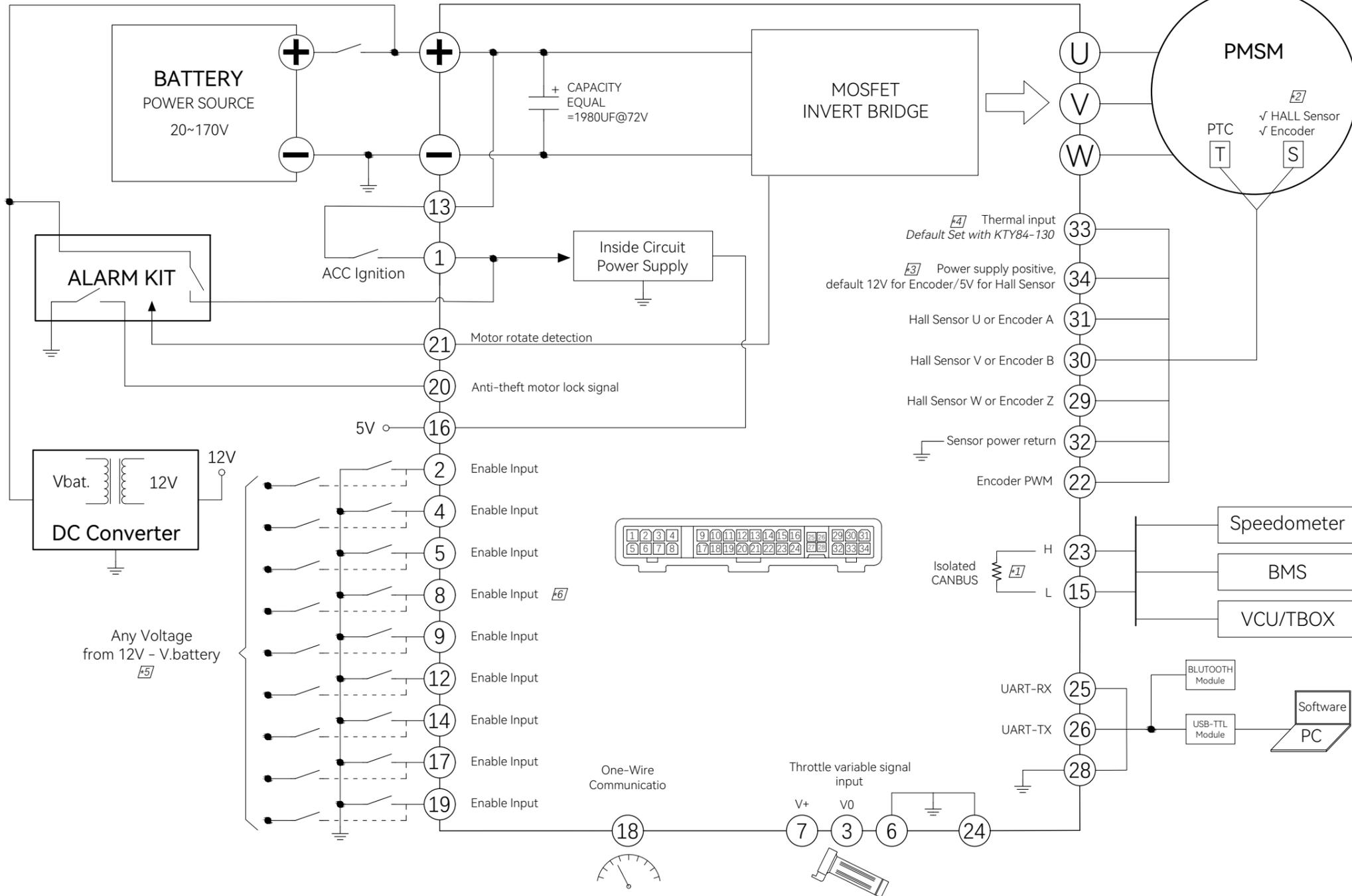
Model	Rated Voltage	Safe Voltage	AC Current limit	DC Current Limit	*NOTES for Optional
R3.72S	72V	<90V	200A	65A	1. CANBUS Terminal Resistor 2. Hall sensor/Encoder 3. (If)Encoder power supply 5V/12V 4. Thermistor model 5. Electric level of Control port 6. Control port defination customize
R3.72M	72V	<90V	300A	80A	
R3.72L	72V	<90V	330A	120A	
R3.96M	72V	<120V	250A	80A	

R3 VER.2308

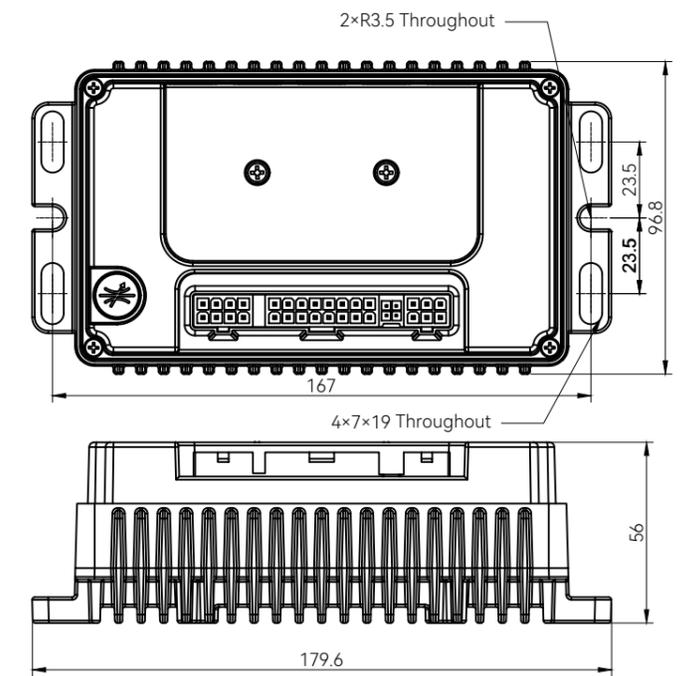
PMSM & BLDC DRIVER UP TO 2kW



- FOC Control
- SVPWM SINEWAVE
- DTC & MTPA
- BLUETOOTH EXTEND
- ISOLATED CANBUS
- 100% AGING TEST
- SLIM SIZE
- IP65 PROTECT

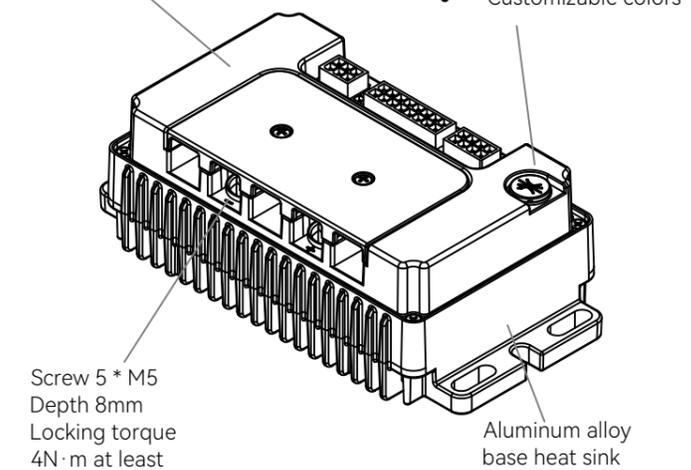


Dimension unit: mm



Laser print for Product information

- Plastic shell
- PC
- Customizable colors



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This document adopts the open-source HarmonyOS Sans font, which complies with the SIL Open Font License 1.1 (OFL-1.1).

Version	YY-MM-DD	Design	Confirm	Content updated



Draw	Reviewer	Approver
技术中心 2026.01.06 袁明敏		技术中心 2026.01.06 薛晗

Name	Specification of R3		
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