

MAIN CHARACTERS

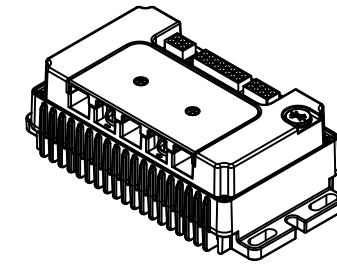
Rated Power	1.8-2.5KW	Peak Power	3.5-5KW
DC input capability	180A	Control mode	FOC SVPWM
Invert efficiency Max	98%	Communication	CANBUS
Host software	Windows/Android/iOS	Debug Interface	Uart, BlueTooth
Ambient temperature	-40~55°C	Altitude	4000m
Protect grade	IP65	Weight	1.0kg@2KVA
Protection	LVP, OVP, OCP, Temperature monitor, Short Circuit protect		

AVAILABLE MODELS FOR ORDERING

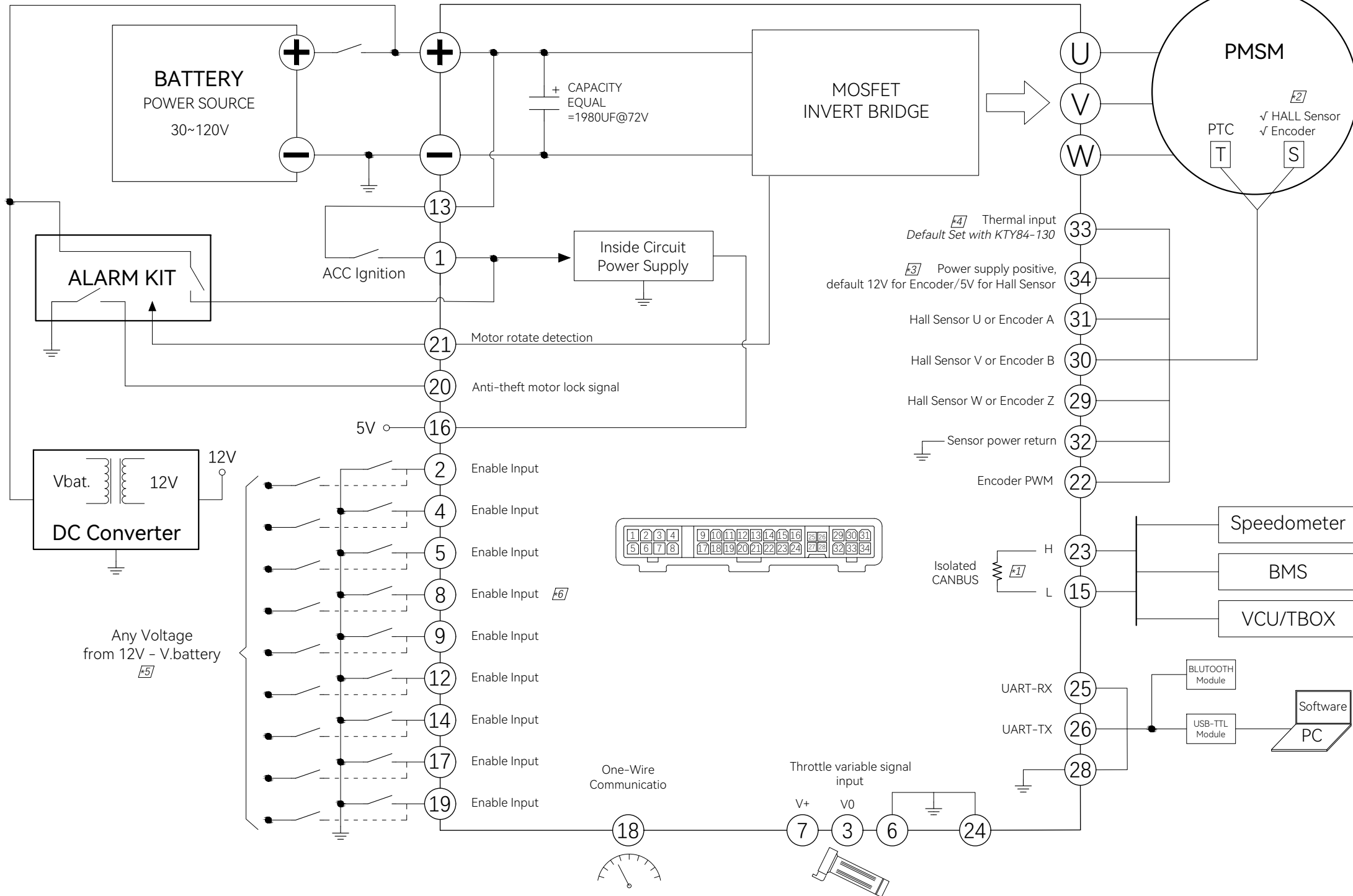
Model	Rated Voltage	Voltage range	AC Current limit	DC Current Limit	*NOTES for Optional
R3.72S	72V	30-85V	260A	65A	1. CANBUS Terminal Resistor 2. Hall sensor/Encoder 3. (If)Encoder power supply 5V/12V 4. Thermistor model 5. Electric level of Control port 6. Control port defination customize
R3.72M	72V	30-85V	300A	80A	
R3.72L	72V	30-85V	330A	100A	
R3.96M	96V	30-118V	250A	80A	

R3 VER.2308

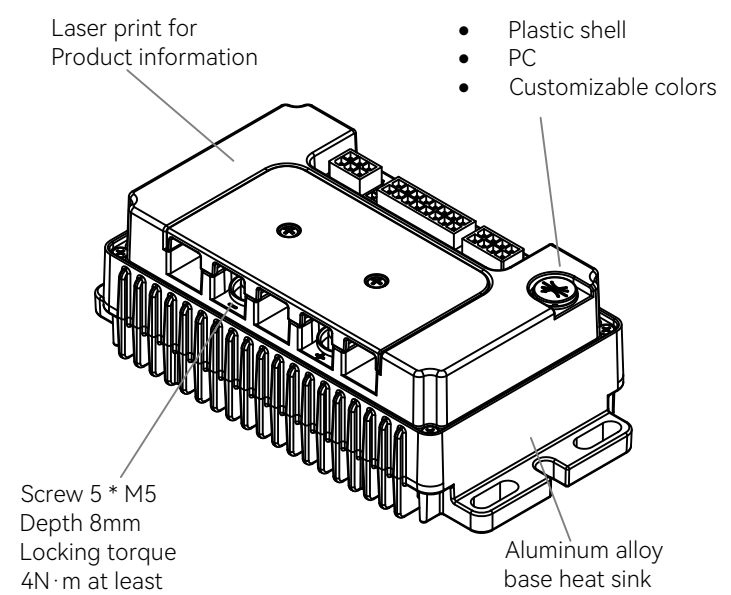
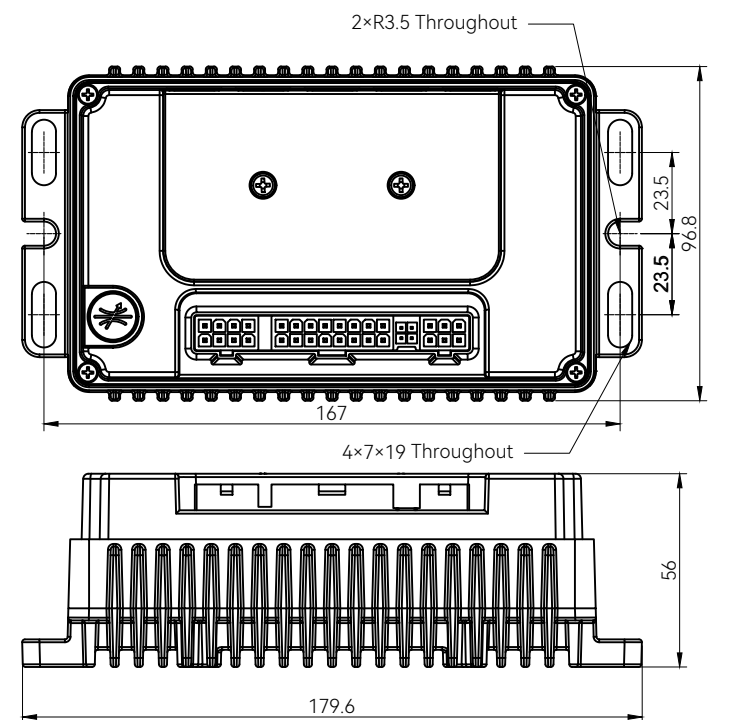
PMSM & BLDC DRIVER UP TO 2kW



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



Dimension unit: mm



Font Usage Statement:
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Version	YY-MM-DD	Design	Confirm	Content updated



Draw	Reviewer	Approver
技术中心 2026.01.27 袁明敏	技术中心 2026.01.27 薛晗	

Name	Specification of R3		
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