

MAIN CHARACTERS

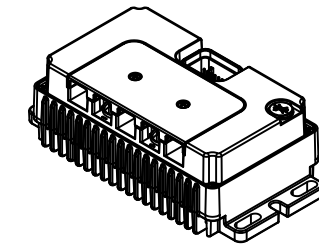
Rated Power	1.8-2.5KW	Peak Power	3.5-5KW
DC input capability	180A	Control mode	FOC SVPWM
Invert efficiency Max	98%	Communication	CANBUS
Host software	Windows/Android/iOS	Debug Interface	Uart, BlueTooth
Ambient temperature	-40~55°C	Altitude	4000m
Protect grade	IP67	Weight	1.0kg@2KVA
Protection	LVP, OVP, OCP, Temperature monitor, Short Circuit protect		

AVAILABLE MODELS FOR ORDERING

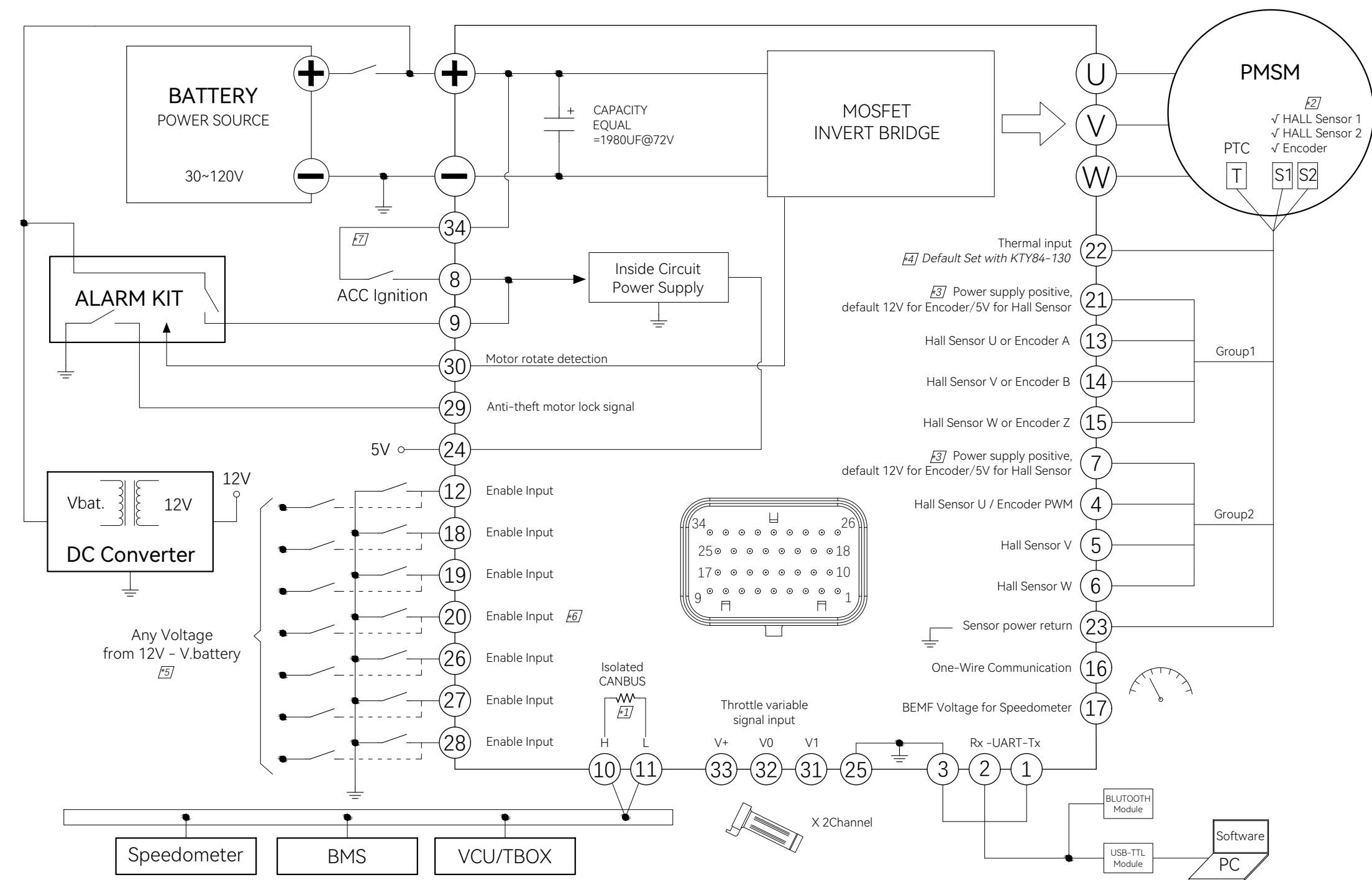
Model	Rated Voltage	Voltage range	AC Current limit	DC Current Limit	*NOTES for Optional
A3.72S	72V	30V-85V	260A	65A	1. CANBUS Terminal Resistor need / No need
A3.72M	72V	30V-85V	300A	80A	2. Hall sensor or Encoder?
A3.72L	72V	30V-85V	330A	100A	3. (If)Encoder power supply 5V/12V?
A3.96M	96V	30V-118V	250A	80A	4. Thermistor model?
					5. Electric level of Control port GND Level / High Level?
					6. Control port defination customize
					7. Ignition constant or one key on/off

A3 VER.2307

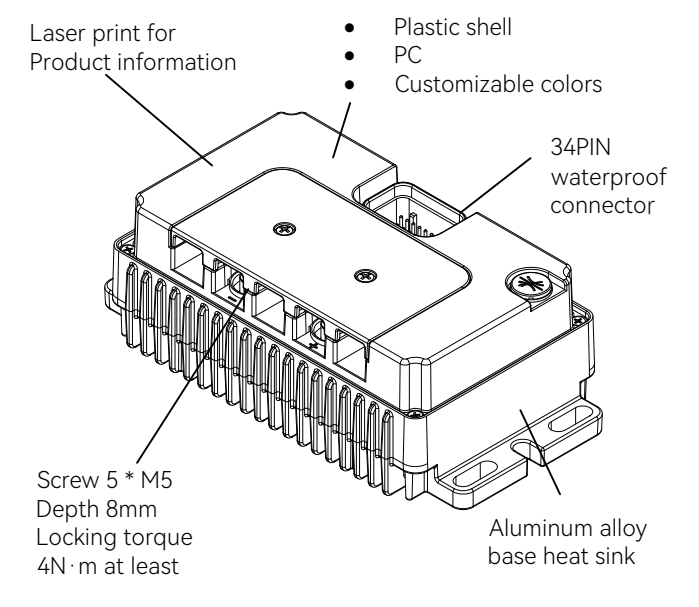
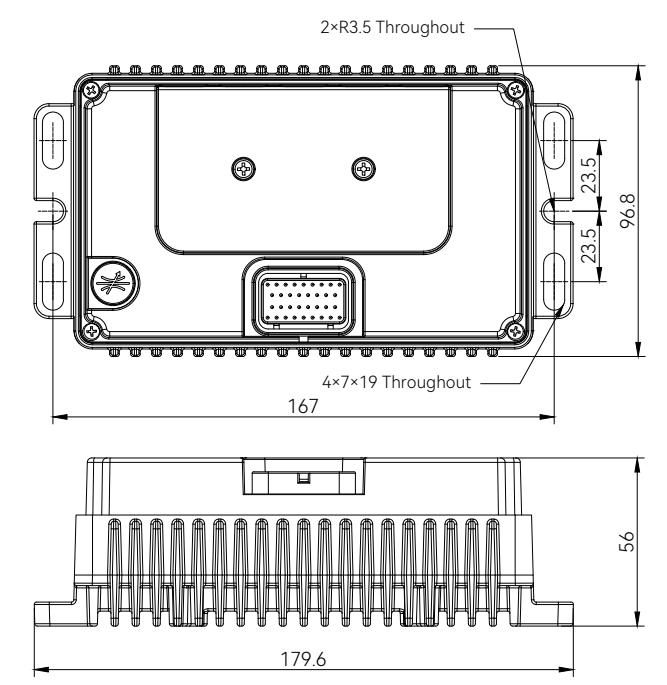
PMSM & BLDC DRIVER UP TO 2kW



- FOC Control
- SVPWM SINEWAVE
- DTC & MTPA
- HDC, HHC, TCS Ready
- CANBOOT Ready
- ISOLATED CANBUS
- 100% AGING TEST
- IP67 PROTECT



Dimension unit: mm



Font Usage Statement:
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 2026.01.26 表明敏	技术中心 2026.01.26 薛晗	

Name	Specification of A3		
FILE ID.	APT2307.A0.00E.V1.7.01	Page	1