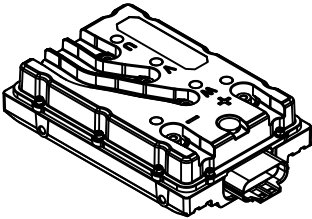


MAIN CHARACTERS			
Rated invert capability 30 minutes continue	2~3.5KVA Variable radiator	Max. invert capability 60 seconds continue	5KVA Under good heat dissipation condition
DC input capability	120A	Control mode	FOC SVPWM
Invert efficiency Max	99%	Communication	CANBUS
Host software	Windows/Android/ios	Debug Interface	Usart, BlueTooth
Ambient temperature	-40~55℃	Altitude	4000m
Protect grade	IP67	Weight	1.3kg@2KVA
Protection	LVP, OVP, OCP, Temperature monitor, Short Circuit protect		

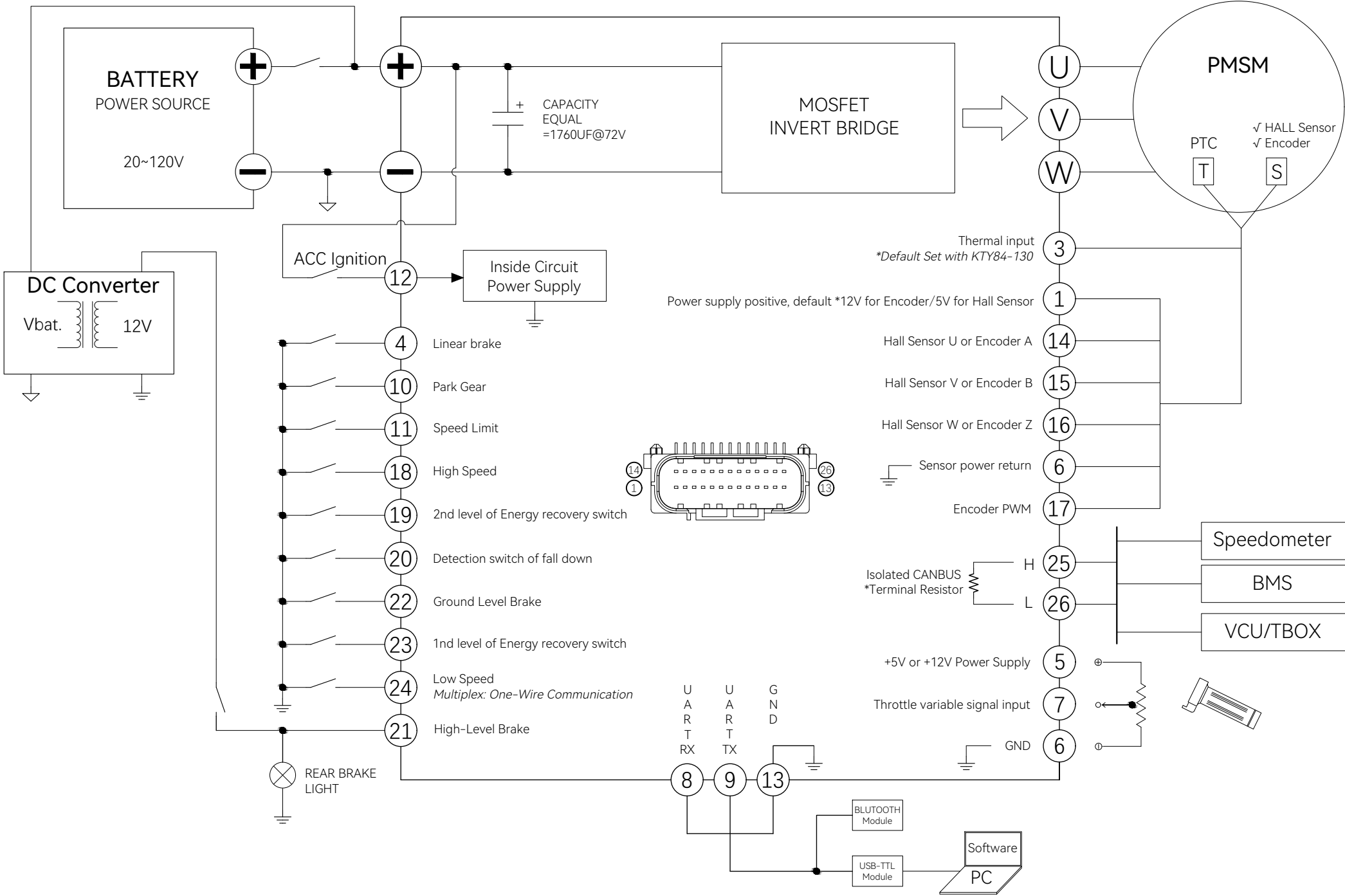
AVAILABLE MODELS FOR ORDERING					
Model	Rated Voltage	Safe Voltage	AC Current limit	DC Current Limit	*NOTES for Optional
S3.72S	72V	<90V	200A	65A	1. CANBUS Terminal Resistor 2. Hall sensor/Encoder 3. (If)Encoder power supply 5V/12V 4. Thermistor model 5. Nature cooling/liquid cooling/customize 6. Electric level of Control port 7. Control port defination customize 8. Ignition constant or one key on/off
S3.72M	72V	<90V	300A	80A	
S3.72L	72V	<90V	330A	120A	
S3.96M	72V	<120V	250A	80A	

S3 VER.2409

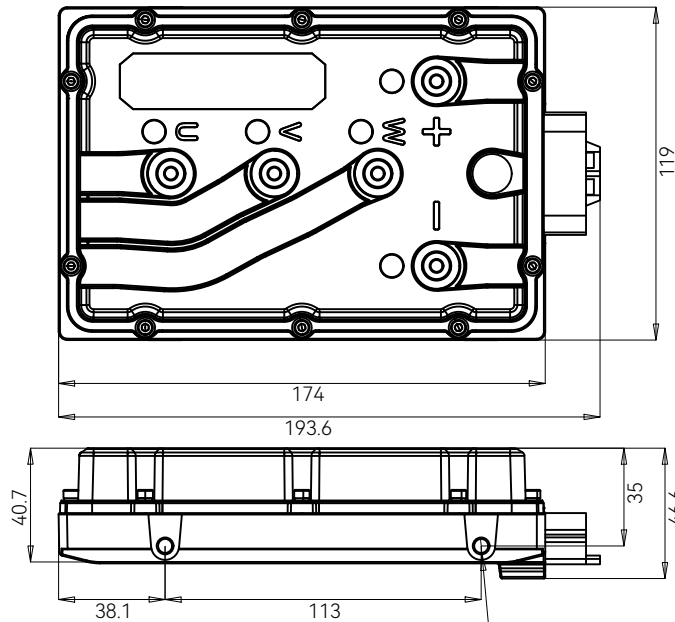
PMSM & BLDC DRIVER UP TO 2kW



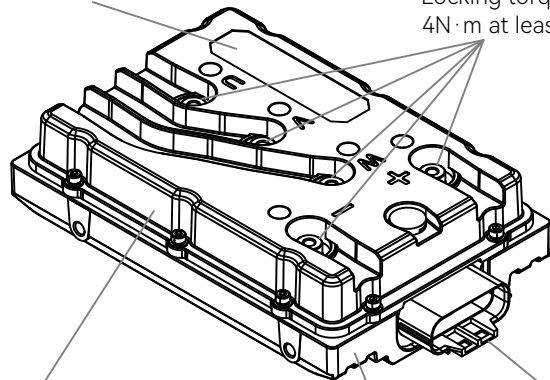
- FOC Control
- SVPWM SINEWAVE
- DTC & MTPA
- BLUETOOTH EXTEND
- ISOLATED CANBUS
- 100% AGING TEST
- SLIM SIZE
- IP67 PROTECT



Dimension unit: mm



Laser print for
Product information



- Plastic shell
- PC
- Customizable colors
- Aluminum alloy base heat sink
- 26PIN waterproof connector

***Natural cooling**
** Except the default set, accept customize for size,sharp,color of the heat-sink*

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 2025.12.03 袁明敏		技术中心 2025.12.05 薛晗

Name	Specification of S3		
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