

### MAIN CHARACTERS

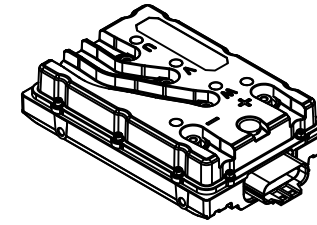
Rated Power	1.8-2.5KW	Peak Power	3.5-5KW
DC input capability	180A	Control mode	FOC SVPWM
Invert efficiency Max	98%	Communication	CANBUS
Host software	Windows/Android/ios	Debug Interface	Uart, BlueTooth
Ambient temperature	-40~55°C	Altitude	4000m
Protect grade	IP67	Weight	1.3kg@2KVA
Protection	LVP, OVP, OCP, Temperature monitor, Short Circuit protect		

### AVAILABLE MODELS FOR ORDERING

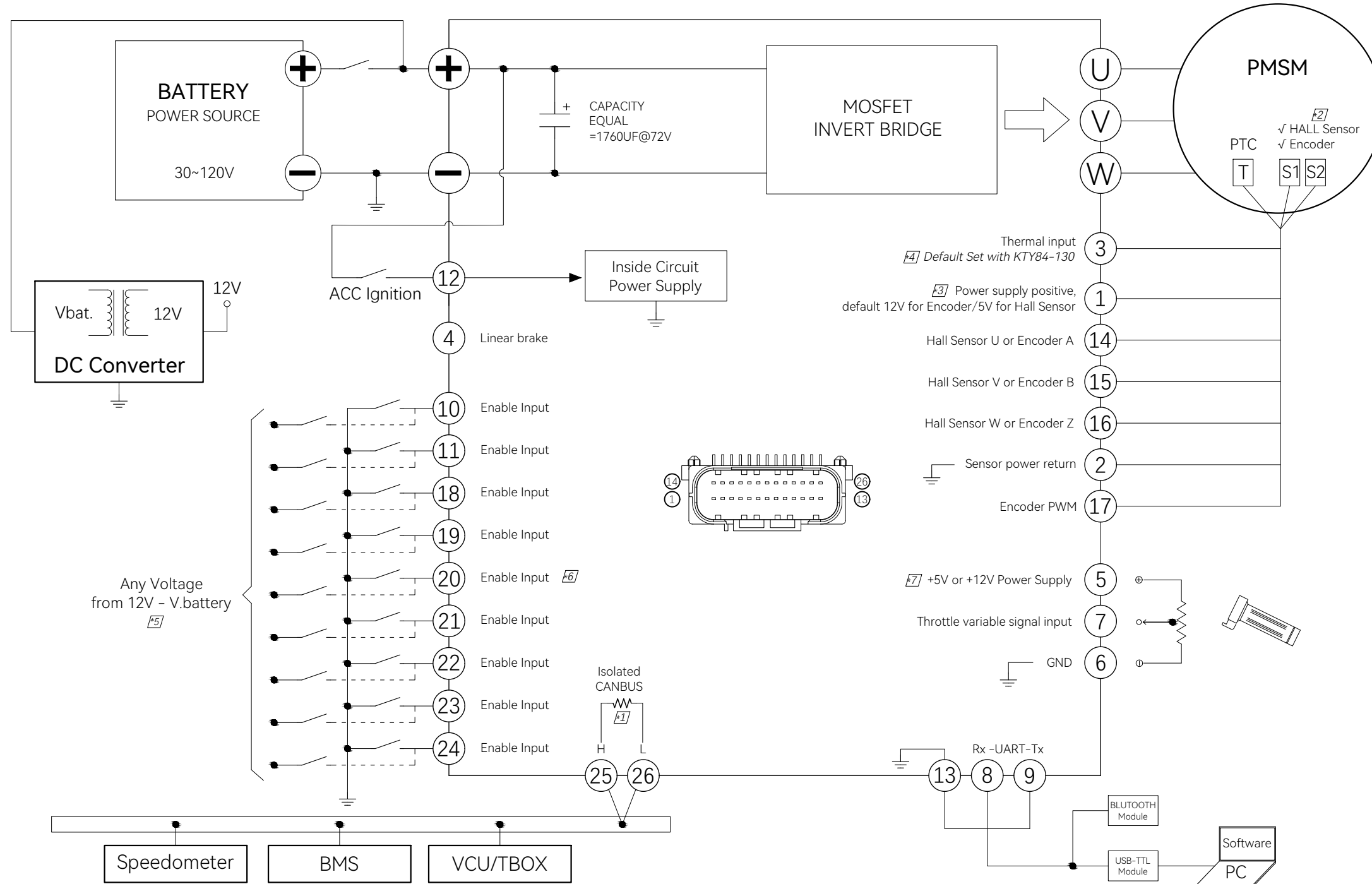
Model	Rated Voltage	Voltage range	AC Current limit	DC Current Limit	*NOTES for Optional
S3.72S	72V	30-85V	260A	65A	1. CANBUS Terminal Resistor need / No need 2. Hall sensor or Encoder?
S3.72M	72V	30-85V	300A	80A	3. (If)Encoder power supply 5V/12V? 4. Thermistor model?
S3.72L	72V	30-85V	330A	100A	5. Electric level of Control port GND Level / High Level?
S3.96M	96V	30-118V	250A	80A	6. Control port defination customize 7.(If)Throttle power supply 5V/12V

# S3 VER.2409

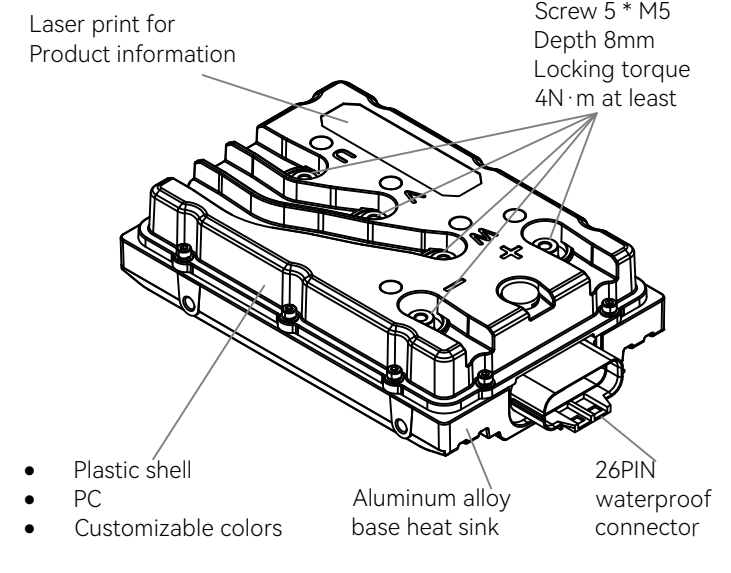
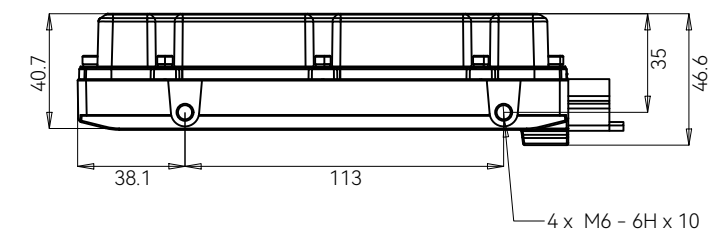
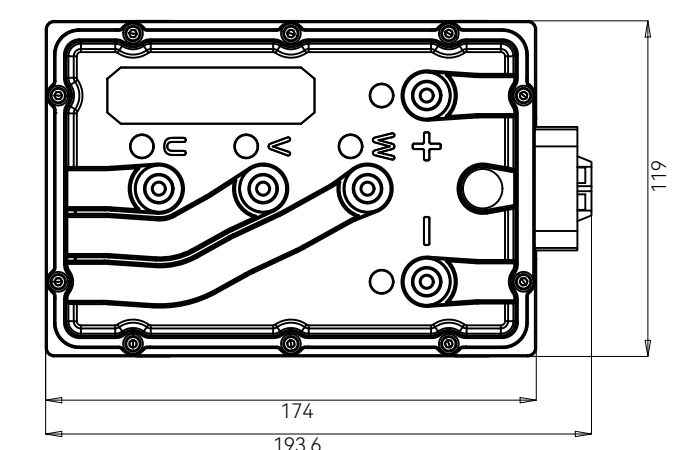
## PMSM & BLDC DRIVER UP TO 2kW



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



Dimension unit: mm



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 S3		
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