

MAIN CHARACTERS

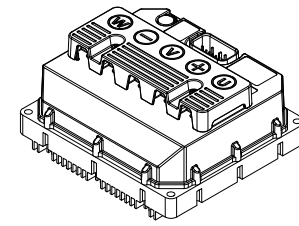
Rated Power	8-10KW	Peak power	20-30KW
DC input capability	500A	Control mode	FOC SVPWM
Invert efficiency Max	99%	Communication	CANBUS
Host software	Windows/Android/iOS	Debug Interface	Uart, BlueTooth
Ambient temperature	-40~55°C	Altitude	4000m
Protect grade	IP67	Weight	2.7kg@8KVA
Protection	LVP, OVP, OCP, Temperature monitor, Short Circuit protect		

AVAILABLE MODELS FOR ORDERING

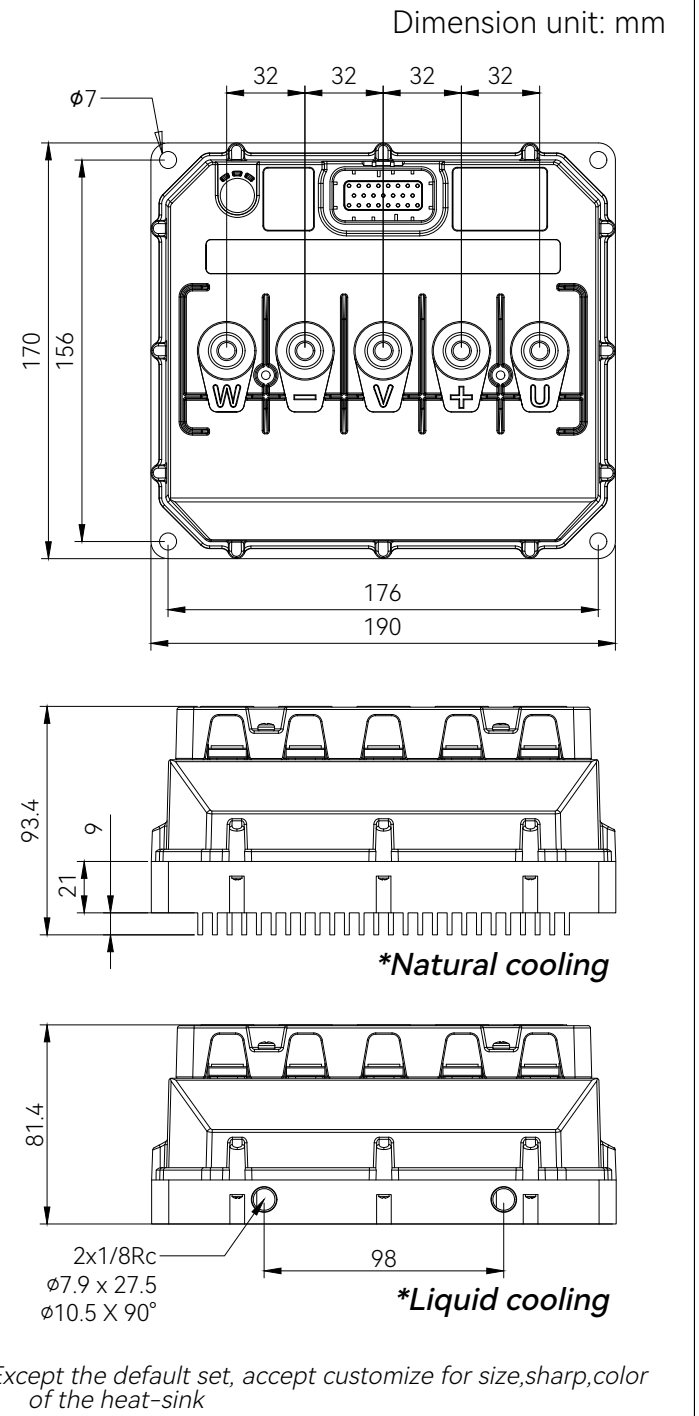
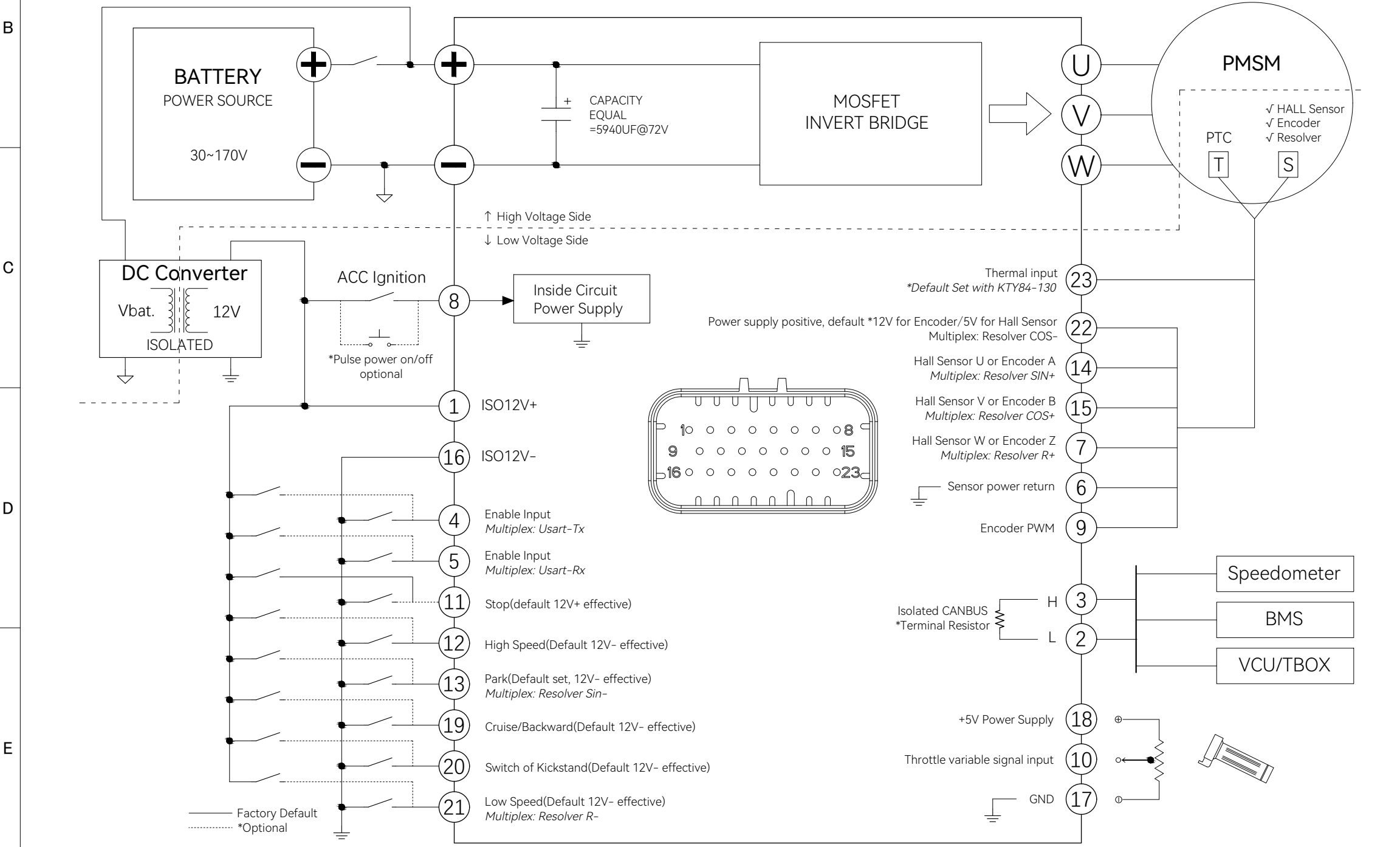
Model	Rated Voltage	Voltage range	AC Current limit	DC Current Limit	*NOTES for Optional
A8.72S	72V	30-85V	600A	200A	1. CANBUS Terminal Resistor
A8.72M	72V	30-85V	700A	240A	2. Hall sensor/Encoder/Resolver
A8.72L	72V	30-85V	800A	270A	3. (If)Encoder power supply 5V/12V
A8.72U	72V	30-85V	1000A	350A	4. Thermistor model
A8.96M	96V	30-118V	700A	250A	5. Nature cooling/liquid cooling/customize
A8.120M	120V	30-135V	600A	200A	6. Electric level of Control port
A8.144M	144V	30-170V	450A	150A	7. Control port defination customize
					8. Ignition constant or one key on/off

A8 VER.2209

PMSM & BLDC DRIVER UP TO 30kW



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



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



Draw	Reviewer	Approver
技术中心 2026.01.26 袁明敏	技术中心 2026.01.26 薛晗	

Name	Specification of A8		
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