

100kWh, 998V



SUPPORTED VEHICLES

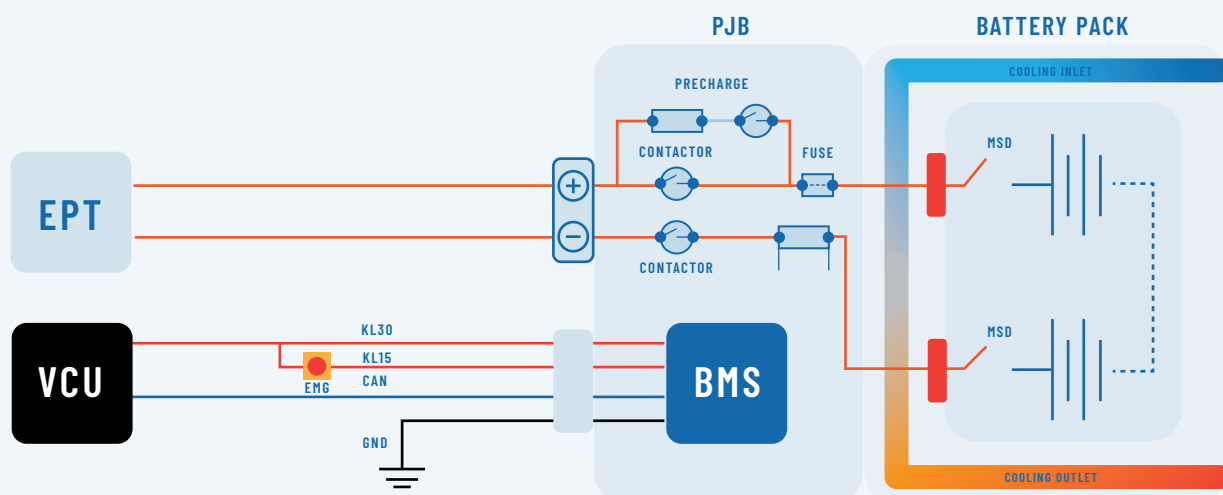


SYSTEM FEATURES

- + Energy storage, marine and telecommunication application
- + Usable with 10ft,20ft and 40ft container system
- + Common PJB (Power Junction Box) for all products
- + Efficient liquid cooling system
- + CANBus 2.0A-B communication protocol
- + Integrated Battery Management System
- + Integrated precharge circuit and isolation measurement
- + Compatible design according to ECE R100.2, ECER R10 and UN38.3 - possible
- + Compatible design according to ISO 26262 up to ASIL C - possible



BATTERY PACK LAYOUT



BATTERY PACK SPECIFICATIONS

	VALUE	UNIT
Cell Chemistry	LFP	
Installed Energy @1C	0.1	MWh
Capacity	100	Ah
Min Voltage	780	V
Nominal Voltage	998	V
Max Voltage	1139	V
Cont. Charge Power @25°C %50 SoC	0.1	MW
Peak Charge Power (10s) @25°C %50 SoC	0.15	MW
Cont. Discharge Power @25°C %50 SoC	0.15	MW
Peak Discharge Power (10s) @25°C %50 SoC	0.25	MW
Cycle Life (based on user power profile, DoD and temp)	> 3000	cycle
Communication Protocol	CANBus 2.0A-B	
Supply Voltage for Control Equipments	12 / 24	V

MECHANICAL SPECIFICATIONS

	VALUE	UNIT
Cooling Type	Natural Cooling	
Operating Temperature @discharge mode	-30 ~ 55	°C
Storage Temperature	-20 ~ 45	°C
IP Rating	IP20	
Weight *	1.1	ton
Dimensions (LxWxH)	700x640x2300	mm

*Specifications and design are subject to change without any notice or obligation on the part of the manufacturer.