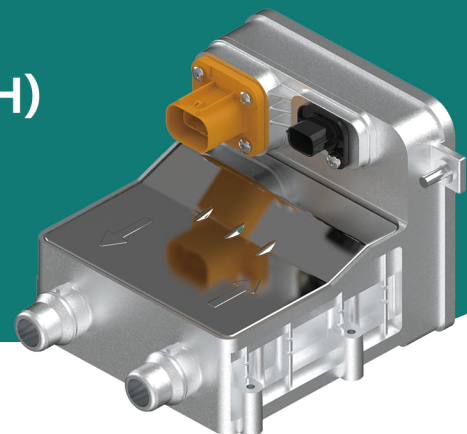


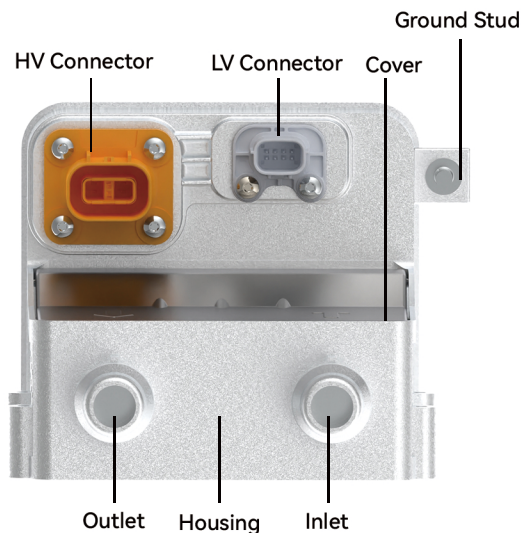
High Voltage Coolant Heater (HVCH)

L49000 Series(400V)



Characteristic Advantages

- Rare-Earth Thick Film Heating Technology.
- Customized special HVCH by customer needs.
- High efficiency, Precise temperature control, Smaller packing space requirements.
- Ultra-compact modular designing: Smaller and lighter
- Stable quality, Long service life, No power decaying
- Small starting surge current, Small ripple current, Accurate stepless control.
- Low comprehensive energy-consumption, Increase driving mileage.
- Low overall usage cost.



Technical Parameters

Heating Power	0 ~ 9.0 (kW)	Dimensions	288x200x53 (mm)	
HV Voltage Range DC	240 ~ 450 (V)	Weight	2.05 (kg)	
Control Voltage	9 ~ 16 (VDC)	I/O Spigot	STD	φ20 (mm)
Power Scope	10% ~ 100%		optional	NW12
Communication	LIN / CAN		optional	NW16
Cab Heating	YES	HV connection		TE 2310540-1
Battery Heating	YES	LV connection		Sumitomo 6188-6386
Efficiency	> 95 (%)	Temp. Sensor Outlet		x1
IP Protection Class	IP 6K9K IP 67	Temp. Sensor Inlet		x1
Electrical safety	ISO 6469 Part 3	Ground Stud		M6