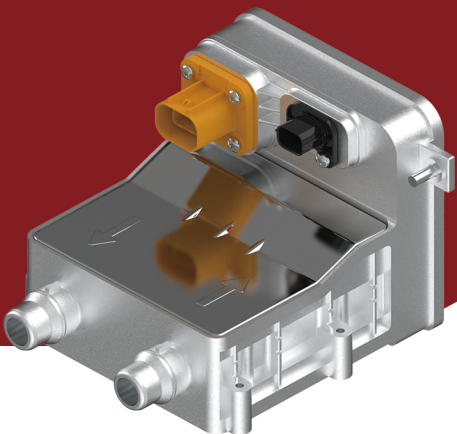


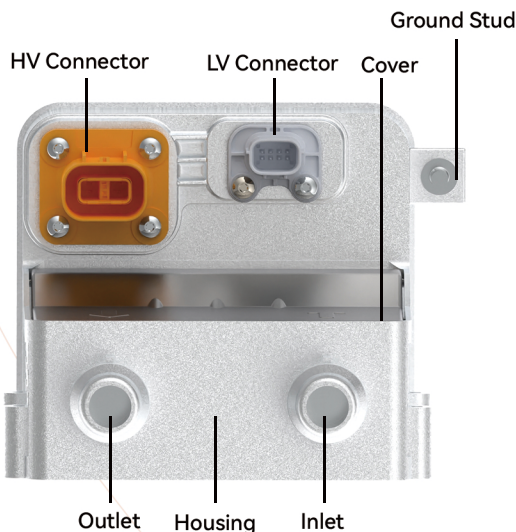
# High Voltage Coolant Heater (HVCH)

## L89000 Series(800V)



### 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          | 205x160x150 (mm)   |
| HV Voltage Range DC | 450 ~ 950 (V)    | Weight              | 2.46 (kg)          |
| Control Voltage     | 16~32 (VDC)      | I/O Spigot          | STD<br>φ25 (mm)    |
| Power Scope         | 10% ~ 100%       |                     | optional<br>NW12   |
| Communication       | LIN / CAN        |                     | optional<br>NW16   |
| Cab Heating         | YES              | HV connection       | TE 2420481-1       |
| Battery Heating     | YES              | LV connection       | Sumitomo 6188-6227 |
| Efficiency          | > 95 (%)         | Temp. Sensor Outlet | x1                 |
| IP Protection Class | IP 6K9K<br>IP 67 | Temp. Sensor Inlet  | x1                 |
| Electrical safety   | ISO 6469 Part 3  | Ground Stud         | M6                 |