COOLTRON®
www.cooltron.com

# EV Charging Thermal Management Solutions

## High Efficiency · Reliable · Customizable

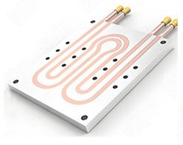
### 1 PFC Stage – Power Devices
SiC MOSFETs / IGBTs

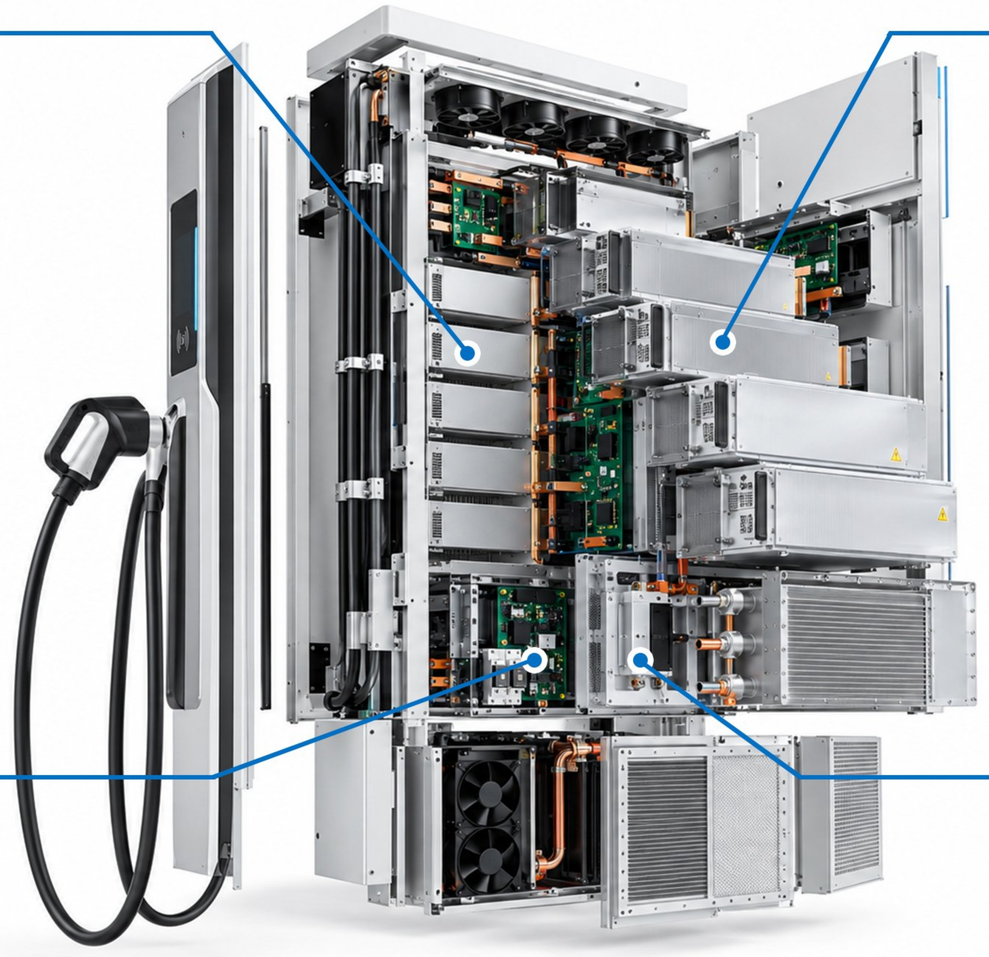
- Extruded / Bonded-Fin / Skived-Fin Heatsinks
- High Thermal Conductivity
- Optional with Cooling Fans




### 2 Liquid Cooling System
Cold Plates / Heat Exchangers

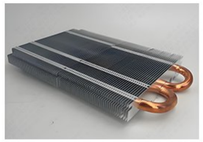
- Liquid Cold Plates
- Heat Exchangers
- Coolant Manifolds & Custom Solutions



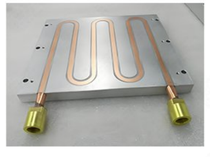
### 3 DC-DC Stage – Power Devices
LLC / Phase-Shift Full-Bridge

- Heat Pipe Heatsinks
- Copper / Aluminum Baseplate + Aluminum Fins
- Custom Designs




### 4 Power Semiconductor Module
IGBT / MOSFET / SiC MOSFET

- Liquid Cold Plates
- High Thermal Conductivity
- Custom Design & Manufacturing




***Custom Thermal Solutions Engineered to Meet Your EV Charging Requirements.***