

Design Documents

Engineering analyses, calculations, and design rationale for the Chassis
Size 2 power stage.

Supported by



1. Design Documents

Engineering reference documents for the C2 power stage: thermal models, loss calculations, component sizing, and other analyses that support the hardware design.

- **System Thermal Analysis** - IGBT and diode losses, inverter efficiency, and heatsink/baseplate sizing for the traction inverter.
- **DC Link Thermal Analysis** - DC-link capacitor bank standoff heat-path and thermal resistance analysis.