

Integration Guide

Installation, integration, and operating guide for the Chassis Size 2 power-stage family. Under revision.

Supported by



Placeholder / Under Revision - This page is incomplete or out of date and will be revised.

1. Integration Guide



Note

This guide is under revision. The previous version contained a large amount of control-module content that is shared across all chassis sizes and belongs in the [OV-CA-UHW-INDEX](#) Control Assembly User Hardware Manual. It also presented specific capacitor and current ratings that do not apply to all C2 variants.

The C2 chassis family is offered in 150 V, 200 V, and 400 V DC-link classes, selected by the DC-link capacitor fitted. Specific BOMs, ratings, and variant-specific instructions will be documented here once the platform-vs-chassis split is finalized.

For now, refer to the assembly guide, design documents, and HARA / TARA for safety-relevant information.

1.1. Planned content

- Mechanical installation and mounting
- HV and LV electrical interface
- Thermal management and heatsink requirements
- CAN integration and reference frame definitions
- Precharge and safe-state behavior
- Troubleshooting