

Integration Guide

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

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Applies to	chassis-size-2
Product line	openvvvf
Normative references	OV-SAF-HARA-CORE, OV-SAF-HARA-PROF-MOTO

Placeholder / Under Revision - This page is incomplete or out of date and will be revised.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 designed to support a range of DC-link capacitor voltages (200 V class through 450 V class) and continuous current ratings. 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