

Cascadia Motion

Getting Started Guide

Revision 0.3

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Step	Setup steps that do <u>Not</u> require High Voltage to be applied	
1	Create Directory Structure on your computer hard drive	RMS PM Software User Manual (Section 1.2)
2	Download all important files and programs	C2Prog (Application)
		RMS GUI Library File (Install this and reboot)
		RMS GUI
		Latest Firmware files
3	Connect wiring for the 12-V power, RS232, CAN (optional), and program switch to the RMS unit	Documentation
		RMS PM Hardware User Manual (Section 3.1 & 3.3)
4	Start RMS GUI, check the firmware version and date-code and save the EEPROM data as "EEPROM Factory Data".	RMS PM Software User Manual (Section 5 – RMS GUI EEPROM Parameters Guide)
5	Make sure you have all firmware files that are the same or later than that on the inverter	Link to latest firmware
6	Program the firmware even if it is the same version as that on the inverter. This is to test that the Program-enable switch and C2Prog application work properly with the inverter.	RMS PM Software User Manual (Section 2 – C2Prog Firmware Programming Guide)

Step	Setup steps that involve High Voltage	
7	Connect high voltage cables to the inverter (DC and motor phase cables)	RMS PM/CM/RM Hardware User Manual (Section 3.2) RMS PM HV Connection Manual RM100 HV wiring manual RM300 HV wiring manual
8	Program the correct motor type in the EEPROM	Motor setup guides are located here at the bottom left of the page. If you cannot find the motor type, please contact support@cascadiamotion.com
9	Perform resolver calibration for PM Motors, not necessary for Induction Motors	RMS Resolver Calibration Process
10	Select appropriate EEPROM settings for your system	RMS PM Software User Manual (Section 6 – EEPROM Parameter Setup)

Revision History

Version	Description	Updated by	Date
0.1	Initial version	Azam Khan	01/03/2013
0.2	Updated email addresses and links.	Travis Gintz	10/19/2020
0.3	Updated links.	Travis Gintz	3/31/2021