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RMS PM Getting Started Guide

Revision 0.1



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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
		Documentation
3	Connect wiring for the 12-V power, RS232, CAN (optional), and program switch to the RMS unit	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	If not, please contact azam@rinehartmotion.com for the latest firmware files
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)



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Step	Setup steps that involve High Voltage	
7	Connect high voltage cables to the inverter (DC and motor phase cables)	RMS PM Hardware User Manual (Section 3.2) RMS PM HV Connection Manual
8	Program the correct motor type in the EEPROM	If you do not know the motor type, please contact chris@rinehartmotion.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)



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Revision History

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