



# 1336 PLUS Firmware Update

## Description

This publication applies to 1336 PLUS Adjustable Frequency AC Drives with a Firmware Revision Number (FRN) of “5.xx.” This information supplements the 1336 PLUS User Manual (publication 1336 PLUS-5.0, dated August, 1997).

Two parameters have been added with the new firmware:

## New Parameters

<p><b>[Power Dip Restart]</b></p> <p>This parameter is only used with the two-wire control mode. If enabled, a 20 ms delay is added to the Start command when the Stop and Start commands are applied simultaneously following a power loss condition.</p>	<table border="0"> <tr><td>Parameter Number</td><td>241</td></tr> <tr><td>Parameter Type</td><td>Read and Write</td></tr> <tr><td>Factory Default</td><td>“Disabled”</td></tr> <tr><td><u>Units</u></td><td><u>Display</u> <u>Drive</u></td></tr> <tr><td></td><td>“Disabled” 0</td></tr> <tr><td></td><td>“Enabled” 1</td></tr> </table>	Parameter Number	241	Parameter Type	Read and Write	Factory Default	“Disabled”	<u>Units</u>	<u>Display</u> <u>Drive</u>		“Disabled” 0		“Enabled” 1
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<p><b>[Stability Gain]</b></p> <p>This parameter adjusts the gain of the torque component of current to adjust for possible current instability in certain motors caused by variations in design. Increasing this value to the correct setting for a particular motor will stabilize torque pulsations in the motor.</p> <p><b>Important:</b> Setting this value too high may cause additional instability. It should be set for the lowest value that eliminates the instability.</p>	<table border="0"> <tr><td>Parameter Number</td><td>246</td></tr> <tr><td>Parameter Type</td><td>Read and Write</td></tr> <tr><td>Display Units / Drive Units</td><td>None</td></tr> <tr><td>Factory Default</td><td>0</td></tr> <tr><td>Minimum Value</td><td>0</td></tr> <tr><td>Maximum Value</td><td>16</td></tr> </table>	Parameter Number	246	Parameter Type	Read and Write	Display Units / Drive Units	None	Factory Default	0	Minimum Value	0	Maximum Value	16
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