


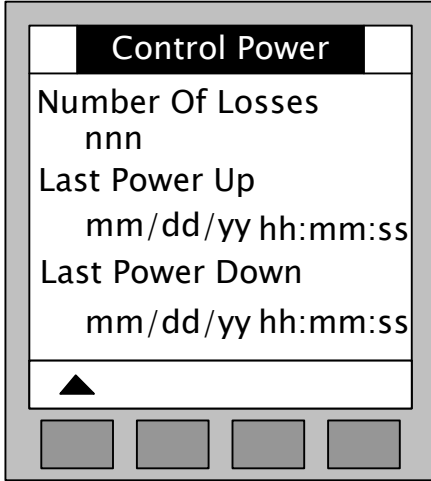
## Release history for Model numbers PM5341

Release Version	Date	OS Version	RS version	Language Version
2.4.4	5- Nov-2020	2.4.4	2.0.0	4.2.0
2.4.1	14-May-2020	2.4.1	2.0.0	4.1.0
2.2.3	28-Jun-2018	2.2.3	2.0.0	4.0.0
2.2.1	01-Mar-2017	2.2.1	2.0.0	4.0.0
2.2.0	16-Jun-2016	2.2.0	2.0.0	4.0.0

### Note :

- Firmware revision 2.xx is applicable for PM51/53xx meters with enhanced internal memory.
- 2.xx revision applicable for Hardware version B1. Hardware version is indicated on the Meter labels
- Firmware version 2.xx is **not** compatible with firmware version 1.xx.
- Meters with 1.xx firmware can't be upgraded with 2.xx firmware

Revision	Changes Since Version	Change Details
2.4.4	2.4.1	<p>Fixes</p> <ul style="list-style-type: none"> <li>• PM53xx &amp; PM51xx Reactive Power measurement at UPF and high CT/PT ratio - the reactive power jumps around when PF is very close to 1, need to round-off PF higher than 0.996 to 1</li> <li>• Affecting zero-day vulnerabilities from "Ripple20" in low-level TCP/IP software library developed by Treck, Inc. - fixed</li> </ul> <p>Enhancements</p> <ul style="list-style-type: none"> <li>• User-configurable fixed energy unit settings</li> <li>• Checksum implementation for these models</li> <li>• MAC on Display</li> </ul>
2.4.1	2.23	<p>Following are added for new as per latest Welmec Guidance for MID certification</p> <ul style="list-style-type: none"> <li>• When the meter powers up, a Control Power Down symbol  is displayed if the meter is locked (Revenue/MID). The Control Power Down symbol will be there if both 'Power Up and Power Down events are not acknowledged.</li> </ul>

		<ul style="list-style-type: none"> <li>Following screen is added in the control power menu</li> </ul>  <ul style="list-style-type: none"> <li>10 pairs of Power Down and Power Up Events should be logged and available to read via Modbus</li> </ul>
2.2.3	2.21	<ul style="list-style-type: none"> <li>Meter sometimes hangs when BACnet (Bnet) menu is accessed on the HMI, this is fixed</li> <li>Bug Fixed: Phase reverse alarm</li> <li>Changed: Default LCD type Vx to Tm (internal)</li> <li>Bug fixed: Gain switch changed</li> <li>Bug fixed: Checksum verification is upgraded from 1Mb to 2Mb in Ethernet models</li> </ul>
		<p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>8905 Bitmap Register Changed from UINT32 to UINT16</li> </ul> <p>Note: This register not applicable to PM51xx meters. Firmware revised to keep the commonality</p>
2.20	1.60	<p><b>First release for Meter hardware with Enhanced memory.</b></p> <p><b>Enhancements</b></p> <ul style="list-style-type: none"> <li>DPWS support added</li> <li>Hardware enhancement for increased internal memory</li> <li>Individual harmonics magnitude &lt;1% available</li> <li>CT primary / secondary ratio data can take float values</li> <li>Bacnet support added</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>In case of negative energy flow, the HMI scaling for Power and Energy not correct: fixed</li> <li>Single/ Multiple coil read correction for DI,DO, Alarms</li> <li>Power Fail Reset Counter Not Getting Changed on HMI After Reset</li> <li>In 2VT configuration, unused phase value was showing 0. – Fixed</li> </ul>

		<ul style="list-style-type: none"><li>• Display RTC time and QR code time stamp not matching when GMT offset is added. - Fixed.</li><li>• Missing of 1st pulse in DO Alarm Counter and Setup Changed from ON -&gt; OFF Vice verse – Fixed</li></ul>
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