

## Release history for PM5310

Release Version	Date	OS Version	RS version	Language Version
1.54	01/03/2017	1.5.4	1.0.6	2.0.0
1.52	7/07/2016	1.5.2	1.0.6	2.0.0
1.50	14/05/2015	1.5.0	1.0.6	2.0.0
1.37	4/11/2014	1.3.7	1.0.6	2.0.0
1.12	12/03/2013	1.1.2	1.0.6	1.0.3
1.11	29/08/2013	1.1.1	1.0.5	1.0.3
1.00	18/06/2013	1.0.0	1.0.4	1.0.2

Revision	Changes Since Version	Change Details
1.54	1.52	<p>Official release of the changes implemented in Revision 1.52</p> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>8905 Bitmap Register Changed from UINT16 to UINT32</li> </ul>
1.52	1.50	<p><b>*This Revision not officially released to end customer</b></p> <p><b>Enhancements</b></p> <ul style="list-style-type: none"> <li>Individual harmonics magnitude &lt;1% available</li> <li>CT primary / secondary ration data can take float values</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>In case of negative energy flow, the energy displayed not correct : fixed</li> <li>Single/ Multiple coil read correction for DI,DO, Alarms</li> <li>8905 Bitmap Register Changed from UINT32 to UINT16</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> <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>
1.50	1.37	<p><b>Enhancements</b></p> <ul style="list-style-type: none"> <li>4 additional communication registers to provide PF value in IEC and Lag/lead format. These are 2 float 32 registers (3192, 3194) and 2 INT16 registers (3196, 3197)</li> <li>10 additional logs for Firmware down load</li> <li>Evenly spaced pulses similar to optical pulse output implemented for Digital output</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>Individual harmonic values not accessible through communication fixed</li> </ul>

## PM5310 FW Releases

		<ul style="list-style-type: none"> <li>• Spurious neutral current while phases carry balanced currents fixed</li> <li>• Demand Fix to Correct the behavior in Command Sync and Clock Sync Mode</li> <li>• DI/DO/Relay counter value not reset to zero by Global reset through HMI fixed</li> </ul>
1.37	1.11	<p><b>Enhancement</b></p> <ul style="list-style-type: none"> <li>• Added Float 32 energy registers to support both INT64 and Float 32 energy registers</li> <li>• Added QR code Functionality</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>• Fix issue : Multi tariff energy not retaining value on power cycle while Multi tariff in Input mode</li> <li>• Fix issue : RTC day roll over not in sync with 24 hours.</li> <li>• Fix issue : After data log roll over value only partial records are retrievable</li> </ul>
1.12	1.11	<p><b>Fix :</b></p> <ul style="list-style-type: none"> <li>• Fix issue :DLF upgrade errors at 38400 baud rate</li> </ul>
1.11	1.00	<p><b>Note : 1.0.0 can't be field upgraded to 1.1.1</b></p> <p><b>Enhancement</b></p> <ul style="list-style-type: none"> <li>• common language file for all models</li> <li>• 61557-12 compliance</li> <li>• Support added for new display (Tianma)</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>• Default settings for Digital Output is Initialized to Zero</li> </ul>
1.00	None	First Release