


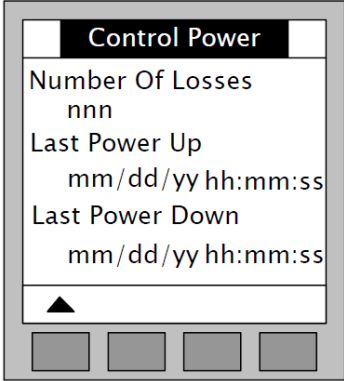
Release history for Model numbers PM5111/PM5331

Release Version	Date	OS Version	RS version	Language Version
2.5.4	27-Mar-2024	2.5.4	2.0.0	4.2.0
2.4.3	5- Nov-2020	2.4.3	2.0.0	4.2.0
2.4.1	14-May-2020	2.4.1	2.0.0	4.1.0
2.2.1	28-Jun-2018	2.2.2	2.0.0	4.0.0
2.2.1	1-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
2.5.4	2.4.3	Fixes <ul style="list-style-type: none"> • kVAR measurement error during energy export is fixed • PF phase wise -1 to 1 registers added in Modbus register list
2.4.3	2.4.1	Fixes <ul style="list-style-type: none"> • PM53xx & 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 Enhancements <ul style="list-style-type: none"> • User-configurable fixed energy unit settings • Checksum implementation for these models

2.4.1	2.2.2	<p>Following are added for new as per latest Welmec Guidance for MID certification</p> <ul style="list-style-type: none">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.Following screen is added in the control power menu <div data-bbox="829 531 1170 909"></div> <ul style="list-style-type: none">10 pairs of Power Down and Power Up Events should be logged and available to read via Modbus
-------	-------	---

2.2.2	2.2.1	<ul style="list-style-type: none"> • Meter sometimes hangs when BACnet (Bnet) menu is accessed on the HMI, this is fixed • Bug Fixed: Phase reverse alarm • Changed: Default LCD type Vx to Tm (internal) • Bug fixed: Gain switch changed • Bug fixed: Checksum verification is upgraded from 1Mb to 2Mb in Ethernet models •
2.2.1	2.2.0	Fixes <ul style="list-style-type: none"> • 8905 Bitmap Register Changed from UINT32 to UINT16
2.20	1.60	<p>First release for Meter hardware with Enhanced memory.</p> <p>Enhancements</p> <ul style="list-style-type: none"> • Hardware enhancement for increased internal memory • Individual harmonics magnitude <1% available • CT primary / secondary ratio data can take float values <p>Fixes</p> <ul style="list-style-type: none"> • In case of negative energy flow, the HMI scaling for Power and Energy not correct: fixed • Single/ Multiple coil read correction for DI,DO, Alarms • Power Fail Reset Counter Not Getting Changed on HMI After Reset • In 2VT configuration, unused phase value was showing 0. – Fixed • Display RTC time and QR code time stamp not matching when GMT offset is added. - Fixed. • Missing of 1st pulse in DO Alarm Counter and Setup Changed from ON -> OFF Vice versa – Fixed