

Release history for Model numbers PM5340

Release Version	Date	OS Version	RS Version	Language Version
2.4.1	10-May-2025	2.4.1	2.0.0	4.2.0
2.4.0	01-Jul-2024	2.4.0	2.0.0	4.2.0
2.3.8	27-Mar-2024	2.3.8	2.0.0	4.2.0
2.1.5	05- Nov-2020	2.1.5	2.0.0	4.2.0
2.1.3	28-Jun-2018	2.1.3	2.0.0	4.0.0
2.1.1	01-Mar-2017	2.1.1	2.0.0	4.0.0
2.1.0	16-Jun-2016	2.1.0	2.0.0	4.0.0

Note:

- Firmware v2.xx applicable for Hardware version B1. Hardware version is indicated on the Meter labels.
- Meters with 1.xx firmware can't be upgraded with 2.xx firmware.

Revision	Changes Since Version	Change Details
2.4.1	2.4.0	Fixes <ul style="list-style-type: none"> • Communication loss issue fixed. • Watchdog priority aligned with HMI and Ethernet communication. • Cybersecurity vulnerability fixed.
2.4.0	2.3.8	Enhancements <ul style="list-style-type: none"> • Ethernet stack updated. • Watchdog feature implemented
2.3.8	2.1.5	Fixes <ul style="list-style-type: none"> • kVAR measurement error during energy export is fixed • PF phase wise -1 to 1 registers added in both Modbus register list and BACnet

2.1.5	2.1.3	<p>Fixes</p> <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 • Affecting zero-day vulnerabilities from "Ripple20" in low-level TCP/IP software library developed by Treck, Inc. - fixed <p>Enhancements</p> <ul style="list-style-type: none"> • User-configurable fixed energy unit settings • Option to initialize energy registers with Preset or user-configurable values (non-MID models) • Checksum implementation for these models • MAC Address on Display
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2.13	2.11	<p>Fixes</p> <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
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2.11	2.10	Fixes <ul style="list-style-type: none"> 8905 Bitmap Register Changed from UINT32 to UINT16 <p>Note: This register not applicable to PM51xx meters. Firmware revised to keep the commonality</p>
2.10	1.50	First release for Meter hardware with Hardware version B1 Enhancements <ul style="list-style-type: none"> DPWS support added Hardware enhancement for increased internal memory Individual harmonics magnitude <1% available CT primary / secondary ratio data can take float values Bacnet support added Fixes <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 iMT offset is added. - Fixed. of 1st pulse in DO Alarm Counter Missing and Setup Changed from ON Vice versa – Fixed -> OFF