

### Release history for Model numbers:

PM2220, PM2225C, PM2230, PM2120, PM2125C & PM2130

Release Version	Date	Reset System	Operating System	Language File	DLF3000 File Name
1.04.02.44	21/08/2022	1.00.06.00	01.04.02.44	N/A	PM2000LED_OS_V01_04_02_44.fw
1.05.03_55	20/08/2022	1.00.01_08	1.05.03_55	PM2xxxLL4000.fw	PM2000V1_LCD_01_05_03_55.fw
1.02.2_12	27/10/2020	1.00.0_01	1.02.2_12	N/A	PM2000_IO_V01_02_02_12.fw
1.05.0_53	27/10/2020	1.00.01_08	1.05.0_53	PM2xxxLL4000.fw	PM2000LCD_V01_05_00_53.fw
1.04.0_43	08/08/2019	1.00.01_08	1.04.0_43	PM2xxxLL3000.fw	PM2000LCD_OS_V01_04_00_43.fw
1.04.0_43	08/08/2019	1.00.2_08	1.04.0_43	N/A	PM2000LED_OS_V01_04_00_43.fw
1.02.1_11	08/08/2019	1.00.0_01	1.02.1_11	N/A	PM2000_OS_IO_V01_02_01_11.fw
1.03.0_39	12/02/2019	1.00.1_08	1.03.0_39	PM2xxxLL2001.s19	PM2000LCD_V01_03_00_39.fw
1.03.0_39	12/02/2019	1.00.2_08	1.03.0_39	N/A	PM2000LED_V01.03.00.39.fw
1.02.1_34	13-06-2018	1.00.1_08	1.02.1_34	N/A	PM2000LED_V01_02_01_34.fw
1.02.1_34	13-06-2018	1.00.1_08	1.02.1_34	PM2xxxLL2001.s19	PM2000LCD_V01_02_01_34.fw
1.02.0_33	15-12-2017	1.00.1_08	1.02.0_33	PM2xxxLL2001.s19	PM2000LCD_OS_V01_02_00_33.fw
1.02.0_33	15-12-2017	1.00.1_08	1.02.0_33	N/A	PM2000LED_OS_V01_02_00_33.fw
1.01.1_27	15-12-2017	1.00.1_08	1.01.1_27	PM2xxxLL2001.s19	PM2000LCD_OS_V01_01_01_27.fw
1.01.1_27	15-12-2017	1.00.1_08	1.01.1_27	N/A	PM2000LED_OS_V01_01_01_27.fw

#### Note:

- Firmware v1.05.03 applicable for any of the Hardware version Ax. Hardware version is indicated on the Meter

## Hexa LCD series - Firmware release revision history

Version Number (Ver no)	Changes since Ver no	Change details	PM2220	PM2225C	PM2230	PM2120	PM2125C	PM2130
1.05.03_55 (LCD) 01.04.02.44 (LED)	1.05.0_53 (LCD) 1.04.00_43 (LED)	Features: NA						
		Fixes: <ul style="list-style-type: none"> <li>LCD display freeze issue fixed by increasing the stack size</li> <li>Alarm issues fixed. (ION setup shows the error message "Digital Alarm fail" when programming the standard alarm)</li> <li>Attributes registers for V-LN Under Voltage Alarm is VLL registers instead of VLN registers</li> <li>Energizing and De-Energizing Digital and Relay outputs over Modbus, command result (in register 5376) shows success (value is 0) even when output doesn't operate bug fixed</li> </ul>	Y	Y	Y	Y	Y	Y
1.05.0_53	1.04.0_43	Features: CT Polarity correction	Y	Y	Y	N	N	N
		CT Sequence correction	Y	Y	Y	N	N	N
		thd% addition in display and communication	Y	Y	Y	N	N	N
		Per phase energy display and communication	Y	Y	Y	N	N	N
		Min/ Max value for Neutral Current is added	Y	Y	Y	N	N	N
		Fixes: NA						
1.04.0_43	1.03.0_39	Non-resettable energy counters (LCD display) available on display & through communication	Y	Y	Y	N	N	N
		Incremental counter to record number of times user edited "Setup" page and last accessed info in DTS format – For LCD meter	Y	Y	Y	N	N	N
		Pulse output duration configurable for digital outputs from 20ms to 100ms – PM2k Digital IO module Only in Steps (20, 25, 50, 100 milli seconds)	N	Y	Y	N	Y	Y
		Voltage suppression limit: Option for truncating measured voltages from 20 to 60V L-L (through ION setup tool)	Y	Y	Y	Y	Y	Y
		Energy overflow scale selection – can be chosen for either Kilo, Mega or Giga values (different in LCD and LED) E.g, in LED: 999999999.999 kWh	Y	Y	Y	Y	Y	Y
		Individual Harmonics feature scaled down to 15 <sup>th</sup> order in PM2125C & PM2225C models	N	Y	N	N	Y	N
		METSEPM2K2DI2RO relay module in PM2125C & PM2225C as built in type. Whetting output voltage rated for 24V DC max 8mA available	N	Y	Y	N	Y	Y

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		EcoStruxure invariant discovery – product code format changed from model number to commercial reference. FW version format changed to xxx.yyy.zzz	Y	Y	Y	Y	Y	Y
		Fixes: Nil						
1.03.0_39	01.02.01	Individual Harmonics feature up to 31 <sup>st</sup> order in PM2125C & PM2225C models	N	Y	N	N	Y	N
		METSEPM2K2DI2RO/ D relay module as expandable type for PM2130 & PM2230 references. Whetting output voltage rated for 24V DC max 8mA available	N	N	Y	N	N	Y
01.02.01	01.02.00	Features: PM2x25C integrated with Analog IO modules (available in China only)	N	Y	N	N	Y	N
		Fixes: a. PM2225C, PM2230 Analog inputs labels were not displayed in Unicode languages in RU, ZH	N	Y	Y	N	N	N
		Fixes: b. Phase reversal/ rotation alarms not activating instantaneously	Y	Y	Y	Y	Y	Y
01.02.00	01.01.01	Features: Auto reset feature: For all energies and maximum demands	Y	N	Y	N	N	N
		Non-resettable energy counter: Wh (delivered) counter cannot be reset to zero	Y	N	Y	N	N	N
		Retrofit register: To support legacy Conzerv communication module or default SE power data module	Y	Y	Y	Y	Y	Y
		Suppression current – threshold limit for current sensing	Y	Y	Y	Y	Y	Y
		Quadrant based VARh energy: Reactive energies for Q1, Q2, Q3 and Q4 quadrants	Y	Y	Y	Y	Y	Y
		Run Hours counter on display: Load Run hour counter is available under Diag page	N	N	N	Y	Y	Y
		Fixes: Nil						
01.01.01	01.00.02	Features: PF Symbol on LED display: 1st digit toggles between i & 0 for Lag and C and O for Leading Power Factor	N	N	N	Y	Y	Y
		Snap Shot page data based on the time configured with HMI & Communication	Y	N	Y	N	N	N
		Default IO state selection through communication (High / Low)	N	Y	Y	N	Y	Y
		Associating Demand parameter for Digital output based on alarm events	N	Y	Y	N	Y	Y
		Multi-Tariff Feature in LCD Model Only	N	N	Y	N	N	N
		Configurable favorite page: Pick and configure any 4 parameters for display on single page	Y	N	Y	N	N	N
		Fixes: NIL						