

HDPM Firmware Version 58 Bundle

Release Notes

Release Date: February 09, 2022

Firmware Versions

Product	Firmware Version
Head Unit (HDPM6000): System 3-Phase Meter	v0.58.4 v1.38.3
Retrofit Module (HDPM6000R)	v1.28.3
Strip Module (HDPM6000S)	v1.28.3
24 Circuit Strip module (HDPM6000S24)	v1.28.3
Busway Meter (HDPM6000B)	v0.16.2
I/O Module (HDPM6IO)	v1.6.0
Expanded Input Module (EIM 2.0)	v1.6.0

Added Functionality

- A new data collection option is available in which the head unit instantaneous values (Voltage, current, power, PF) are updated every 200ms. This mode is available when using the Adaptive Speed Data Collection mode and the system has less than 84 retrofit or strip circuits
- Voltage interval data is now available. Minimum, maximum and average (demand) values over the last demand interval are available on the device webpage and through the device protocols (Modbus, SNMP, BACnet)
- Displacement Power Factor is now available for the head unit. This value represents the correlation between the fundamental voltage and current waveforms and doesn't take into account harmonics
- A single EIM 2.0 can now be auto-discovered without a serial number
- The number of concurrent Modbus TCP connections has been increased from 4 to 10
- The new HDPM6000S24 24-circuit strip module is supported
- The Modbus Configuration Lock feature has been added - Modbus writes to core configuration registers can be disabled once the meter has been configured

Fixed Items

- Various Cyber Security Fixes
- Data collection mode moved from super-user to admin level (except 'Fast, Reduced Dataset') so that it can be set through a configuration file upload

- Demand not reporting for delta circuits
- Load Type indices incorrect in BACnet
- CTs set to "Unused" will now report zero current and power
- Improvements to Chromium based (Chrome/Edge) connections in certain circumstances
- Remedied spurious webpage logouts
- Various Bug fixes

Removed Items

- No functionality/features removed

Known Issues

Downgrading from the version 58 firmware bundle to the version 56 bundle will cause the head unit to lose accumulated energy on downgrade and also each time the meter is power cycled thereafter. Contact technical support if downgrading to the v56 firmware bundle is required and a workaround can be provided.

Firmware Update Instructions

See the HDPM6000 Installation Guide, Firmware Updates section for specific information on how to update the firmware on your HDPM6000 head unit and attached branch modules. The installation guide is located [here](#).