

EG4 18kPV & 12kPV Firmware Update 1E1E: Benefits for Our Customers

This summary highlights key updates in the latest firmware, designed to enhance performance, streamline installation, and improve flexibility and compliance for the EG4 18kPV, 12kPV, and FlexBOSS21 hybrid inverters. From improved compatibility with third party devices to optimized power management features, these enhancements help meet the needs of both installers and end users alike.

2024. Q4 Update

Firmware Version: FAAB-1E1E

- **Note:** After updating firmware to 1E1E users cannot return to previous software version.
1. **512K Communication Board/MID Support:** Supports operation in tandem with the MID/GridBOSS – makes installation easier and potentially cheaper.
 - **User Must Update:** LCD via USB on 18kPV and 12kPV inverter models to make use of this feature.
 - Navigate to [this page](#) then scroll to find relevant inverter (18kPV/12kPV/FlexBOSS)> Downloads > Firmware > [Name Of Inverter] – Firmware.
 2. **AC Coupling Dark Start:** Provides the ability to provide backup power in case of a blackout, or low-sun conditions without external power. Currently exclusive to the 18kPV and 12kPV.
 3. **Optimized Dry Contact Logic:** Allows slave units in parallel to send the dry contacts signal to the generator to start/stop.
 4. **RGM WattNode:** Customer will be able to use a WattNode as a third-party metering device, which is up to the RGM standard.
 - **User Must Update:** LCD via USB on 18kPV and 12kPV inverter models to make use of this feature.
 - Navigate to [this page](#) then scroll to find relevant inverter (18kPV/12kPV/FlexBOSS)> Downloads > Firmware > [Name Of Inverter] – Firmware.
 - **WattNode Meter UI Options:** Added “WattNode,” brand for easy selection via setting/LCD.
 5. **System Power Display on LCD:** Shows total system output in one view, now measures in kW.
 6. **Lumin Dry Contact Options:** Adds reuse function. Nodes may be set to various other functions besides generator.