EG4 ELECTRONICS

18kPV LCD UPDATE VIA USB FLASH DRIVE

The intention of this document is to walk the end-user through the LCD Firmware Update for the EG4 18kPV Hybrid Inverter.

FORMATTING FLASH DRIVE:

- 1. Plug in the USB drive.
- 2. Navigate to "File Explorer".
- 3. Locate the USB drive location in the left side pane of File Explorer.
- 4. Right-click the USB drive and select "Format".
- 5. The capacity should reflect the size of the USB Drive automatically but if not, ensure "Capacity:" is set to 2, 4, 8 or 16GB.
- 6. File system: Set to FAT32.
- 7. Allocation unit size: Set to 4096 bytes.
- 8. Deselect the "Quick Format" checkbox.
- 9. Click "Start".

DOWNLOADING AND UN-ZIPPING:

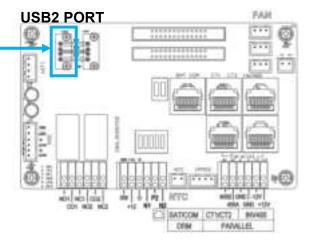
- 1. Download the "EG4-18kPV-LCD-Firmware.zip" from eg4electronics.com.
- 2. Once downloaded, right-click and unzip the downloaded file to the desktop.
- 3. Once unzipped, open the folder located on the desktop.

 NOTE: There should be 2 folders and one PDF in this folder.
- 4. Select the "DWIN_SET" folder and copy it.
- 5. Navigate to the USB drive through File Explorer.
- 6. Paste the "DWIN_SET" folder to the USB Drive.
- 7. Safely remove the USB drive.

INSTALLING THE UPDATE:

- 1. Power off the inverter and plug the flash drive into the USB2 port on the communications board.
- Power on the inverter. The update should begin automatically. The unit will display the start-up screen for several minutes while applying the update.
- 3. After several minutes (~3), the screen will restart itself and will then point to the standard home screen.
- 4. Remove the USB drive from the communications board.







NOTE:

To ensure the update went through successfully, the user can check the LCD Version number in the lower-right hand corner of the physical display.