



## 24Vdc Cordex 400W Rectifier Firmware v1.06

AOE is pleased to announce the release of our newest firmware version for the 24Vdc Cordex 400W Rectifier, Version 1.06.

**WARNING:** This firmware release is only for factory upgrade. Installation to field deployed units may result in AC voltage measurement error and require recalibration.

### **New Features and Improvements:**

- Fixed a minor bug in calculating the module and system start delay
- Improved the calculation of AC input voltage to better account for temperature. The typical AC input voltage calculation will have an error of around 2%. For temperatures near the operating limits of the rectifier, the AC input voltage calculation will have an error of around 5%. In previous builds, the worst case error was closer to 10%.

### **Upgrade procedures using the Web Browser:**

1. Navigate to the Upgrade Firmware menu under the System information menu.
2. Click Browse.
3. Select "034-073-20-000\_G\_CXRC\_24-400W\_CUSTOMER\_vXXXX.acan" from the location on floppy, CD or hard-drive.
4. Click Submit.
5. Once firmware is loaded into the CXC, select the devices to be upgraded and click Perform Upgrade.

**You have now successfully upgraded the Cordex rectifier. Thank you for choosing Alpha and Outback Energy GmbH.**

## Change log:

### v1.05

- Decreased the ramp test offset voltage from 0.5V to 0.25V

### v1.04

- In safe mode, current limit goes back for full
- Clears low voltage alarm when in battery test mode
- Removed the AC foldback alarm
- Changed minimum current limit to 20% from 23%
- Improved alarming reliability during power save

### v1.03

- Improved start up control

### v1.02

- Removed the hardware identify

### v1.00

- Initial Release



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