

# Intelligent Customised Coding



## ICC - Software

### Version 4.2

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- Fix Dashboard 2 charts not recording new data.
- Dash DB trends.
- Fix e-mail send bug reported.
- Fix Victron PV amps for emoncms.
- Add ICC\_New\_Version to emon. 1 = Running older version 0 = Up to date
- InfiniSolar V/V2 Single Inverter Settings.
- InfiniSolar V/V2 Parallel Inverter Settings.
- Add MPP Solar LV2424 + Inverter Settings.
- Add Easun SV II 5KW + Single Settings.
- Add Easun SV II 5KW + Parallel Settings.
- Add MPP Solar LV6548.
- Add MPP Solar LV5048.
- Add MPP Solar LV6048.
- Add Axpert 8 kW, Kodak 8 KW, 8048 MAX Single.
- Add Axpert 8 kW, Kodak 8 KW, 8048 MAX Parallel.
- Add Hybrid HV (3-5k) 3048, 4048 ,5048, V2-3048, V2-5048 Parallel.
- Add Alfa 3KVA, Alfa 5KVA Single.
- Add (Time and SOC-based End) logging for Axpert type inverters.

### Version 4.1

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- Remove Dash trends save/reload. Reported as bug not updating trends.

### Version 4.0

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- Fix Dashboard 2 charts not recording new data.
- Fix Pylontech battery information not showing for battery no 1.

## Version 3.9

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- Add Axpert/Kodak 8Kw parallel.
- Dash 2 trends saved to reload after ICC restart.
- All other trends are memory trends from version 1.

## Version 3.8

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- Fix MQTT connection naming.
- Fix MQTT topics names for APM and GPIO.

## Version 3.7

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- Fix Grid watts.

## Version 3.6

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- Add BMV temperature to MQTT.
- Change ICC logo.
- Add Victron battery amps to MQTT.
- Optimise Pylontech threads.

## Version 3.5

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- Support Pylontech up to 16 batteries.
- Display (Volts, Amps, Temperature, Watts, SOC and Cycles) of each battery up to 16 batteries.
- Fix Vitron BMV Battery Temperature Value.
- Fix Battery Gauge to handle smaller value set-points.
- Add Victron MPPT Charger Values to MQTT.
- Add parallel setting for Axpert, Kodak and PIP up to 8 inverters.

## Version 3.4

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- Fix ICC not restarting on Pi reboots

## Version 3.3

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- Fix Pylontech Cycles on US3000C and other models.
- ALL Pylontech US3000C will display Cycles for each battery
- ALL Pylontech US2000B will display Cycles for each battery.
- Adopt ICC to work with Kodak King with same serial numbers in parallel.
- Optimise Charts loading time.
- Fix Emoncms bug on BMV Monitor Selection.
- Pylontech RS232 connection optimised.
- Fix Axpert 7.2 Max amps on RS232 connection selection.
- Support for Mecer Axpert 8K 8kVA / 8kW hybrid Pure Sine Wave Inverter.
- Support for SOL-I-AX 8k/ 8KW.

## Version 2.9991

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- Axpert inverter settings added to Emoncms. **Installers can now track inverter history settings for Axperts.**
- MQTT Bi-directional for Axpert Inverters.
- Fix Axpert King Time Grid not Saving.
- Add Change to Grid--> To SUB for Axpert King Inverters.

## Version 2.999

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- Display Vitron MPPT values on Dash MPP2 values.
- Reconnect Pylontech on communication loss.