|  |  |
| --- | --- |
| Tamb = 25C | UCC28070 in low temperature |
| cid:image001.jpg@01CEA3DC.7B39A0F0 | cid:image002.jpg@01CEA3DC.7B39A0F0 |
| Ch.1 – V\_IMO (U10 pin 6)Ch.2 – L1 phase currentCh.3 – L2 phase currentCh.4 – channel offPout=16kWMains=3x175VPFC boosts voltage to 600V. |

Pic. 1 Input current waveforms @Tamb=25C (left), @Tamb (+10C and lower)



Pic. 2 Vinac voltage divider (VIANC net)



Pic. 3 UCC28070 PFC controller