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Certificate of Conformity

IEC 61000-4-30 Class A

CET iMeter 7 / PMC-670
 with PMC-2000 and GPS Antenna
 (or other GPS receiver with equivalent accuracy and functionality)

IEC 61000-4-30 Ed. 2
 230V, 50/60 Hz, L-N U_{din} for all parameters

| 61000-4-30 Section | Power Quality Parameter | Class A Compliance | Class S Compliance | Class B Compliance | Remarks |
|--------------------|-----------------------------------|--------------------|--------------------|--------------------|---------|
| 5.1 | Power frequency | Yes | Yes | Yes | |
| 5.2 | Magnitude of the supply voltage | Yes | Yes | Yes | |
| 5.3 | Flicker | Yes | Yes | (N/A) | |
| 5.4 | Supply voltage dips and swells | Yes | Yes | Yes | |
| 5.5 | Voltage interruptions | Yes | Yes | Yes | |
| 5.7 | Supply voltage unbalance | Yes | Yes | Yes | |
| 5.8 | Voltage harmonics | Yes | Yes | Yes | |
| 5.9 | Voltage interharmonics | Yes | Yes | Yes | |
| 5.10 | Mains signaling voltage | Yes | Yes | Yes | |
| 5.12 | Underdeviation and overdeviation | Yes | (N/A) | (N/A) | |
| 4.4 | Measurement aggregation intervals | Yes | Yes | Yes | |
| 4.6 | Time-clock uncertainty | Yes | Yes | Yes | |
| 4.7 | Flagging | Yes | Yes | (N/A) | |
| 6.1 | Transient influence quantities | Yes | (N/A) | (N/A) | |

(N/A) – Not Applicable. There is no requirement in the Standard.

This certificate summarizes the results of the PSL IEC 61000-4-30 Power Quality Measurement Methods Compliance Report, document #PSL 61000-4-30 Ed 2 Test Report – iMeter 7 – PMC-670, dated 7 August 2013. PSL tested two samples, S/N 1212390017 and 121239009, at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the iMeter 7 / PMC-670 series.



iMeter 7 / PMC-670

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