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Certificate of Conformity

IEC 61000-4-30 Class A

CET iMeter 8 / PMC-680i
 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 8 – PMC-680i, dated 21 May 2013. PSL tested two samples, S/N 1206340015 and 1206340011, at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the iMeter 8 / PMC-680i series.



iMeter 8 / PMC-680i



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