



Power Standards Lab
 2020 Challenger Drive #100
 Alameda, CA 94501 USA
 TEL ++1-510-522-4400
 FAX ++1-510-522-4455

www.PowerStandards.com

Certificate of Conformity

IEC 61000-4-30 Class A

A-Eberle PQ Box 100 and PQ Box 200
 when equipped with the following accessories or options:
 GPS satellite receiver Art. 111.9024.45

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 – A-Eberle – PQBox100-200, dated 7 August 2013. PSL tested two samples, S/N 1320-101 and 1317-105, at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the PQ Box series.



PQ Box 100 and PQ Box 200

Alex McEachern 7 August 2013

Alex@PowerStandards.com