



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

[www.PowerStandards.com](http://www.PowerStandards.com)

# Certificate of Conformity

## IEC 61000-4-30 Ed. 2 (2008) Class A

### Control Applications Ltd. ELNet PQ 61000-4-30 compliance

when equipped with the following accessories or options:  
 GPS Antenna

NOTE: the ELNet is only specified for 61000-4-30 performance  
 at  $U_{din} = 230\text{ V}$ , 50/60 Hz.

Table 1: Summary of Results

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	Acceptable results obtained via HyperTerminal only
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	Yes	Yes	
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.  
 Note 1: Transients applied to EUT measuring terminals.

This certificate summarizes the results of the PSL IEC 61000-4-30 Power Quality Measurement Methods Compliance Report, document # PSL Document: PSL 61000-4-30 Test Report Edition 2\_CNTL\_App, dated 28<sup>th</sup> June 2017. PSL tested, S/N 420002747 230VAC, 50/60 Hz. Manufacturer states that this sample is representative of the Control Applications Ltd. ELNet PQ series.



Control Applications Ltd  
 ELNet PQ

Alex McEachern 28<sup>th</sup> June 2017  
[Alex@PowerStandards.com](mailto:Alex@PowerStandards.com)