



America

# CERTIFICATE

No. Z1A 15 12 92257 001

**Holder of Certificate:** Power Standards Lab, Inc.,  
DBA Power Sensors Ltd.

980 Atlantic Ave #100  
Alameda CA 94501  
USA

**Factory(ies):** 92257

**Certification Mark:**



**Product:** Analysis Equipment  
( Power Quality and Energy Analyzer )

**Model(s):** PQube 3

**Parameters:**  
 Rated: 24 Vac ±10%, 50/60/400Hz, 1.5A  
 24-48 Vdc ±10%, 1A  
 37-57 Vdc, 15 W Max. (POE)  
 Optional PM1 plug-in module (marking required):  
 Input: 100-240 Vac, 50/60 Hz, 400 mA,  
 Aux DC Output (optionally marked): 24 Vdc, 5.15 W max  
 Protection Class: Reinforced insulation  
 For additional information please refer to attachment.

**Tested according to:** EN 61010-1:2010  
 EN 61010-2-030:2010  
 AfPS GS 2014:01 PAK 3.1

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

**Test report no.:** 095-72106515-000

**Valid until:** 2020-12-28

**Date,** 2016-01-29 ( Adrian Rabago )

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# ATTACHMENT TO CERTIFICATE NO. Z1A 15 12 92257 001 FOR Power Standards Lab, Inc., DBA Power Sensors Ltd.

## Power Quality and Energy Analyzer

Maximum load and temperature ratings (optionally marked).

### Maximum Load and Temperature Ratings

Power Source	Product Configuration	Auxiliary 24VDC load	Maximum USB Load	Maximum Load on Relay Outputs	Maximum Ambient Temperature
Instrument Power Terminals	PQube 3, MS1, GPS1	No load	USB1 1.5W USB2 0.5W USB3 0.5W	RLY1, RLY2, RLY3, RLY4 loaded with 30VDC/30VAC, 300mA max	65°C
PM1 AC Input Terminals	PQube 3, PM1, UPS1	5.15W max	USB1 0.3W USB2 0.1W USB3 0.1W	RLY1 loaded with 30VDC/30VAC, 300mA max	55°C
PM1 AC Input Terminals	PQube 3, PM1, UPS1, MS1, GPS1	No load	USB1 0.3W USB2 0.1W USB3 0.1W	RLY1 loaded with 30VDC/30VAC, 300mA max	65°C

MS1, GPS1 and UPS1 are accessories used for product configuration and are not part of the certification.

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