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Compliance Information

We hereby state that our model of **power quality analyzer PQ3100** complies with **IEC 61000-4-30:2015 Class S**. As described in Chapter 14 Specifications of the PQ3100 User Manual.

14 Specifications

14.1 General Specifications

Operating environment	Indoor use, pollution degree 2, altitude up to 3000 m (9843 ft.) At an altitude of above 2000 m (6562 ft.), the measurement categories are lowered to 1000 V CAT II, 600 V CAT III.
Operating temperature and humidity	Temperature: -20°C to 50°C (-4°F to 122°F) When communicating via LAN or USB: 0°C to 50°C (32°F to 122°F) When using the external control terminal: 0°C to 50°C (32°F to 122°F) When running on battery: 0°C to 50°C (32°F to 122°F) When charging battery: 10°C to 35°C (50°F to 95°F) Humidity: 80% RH or less (no condensation)
Storage temperature and humidity	-30°C to 60°C (-22°F to 140°F), 80% RH or less (no condensation) When the instrument is not in use for an extended period, remove the battery pack from the body and store in an environment of -20°C to 30°C (-4°F to 86°F).
Dust-proofness, Water-proofness	IP30 (EN 60529)
Applicable standards	Safety EN 61010 EMC EN 61326 Class A
Compliance standards	Harmonics IEC 61000-4-7:2009, IEC 61000-2-4 Class 3 Power quality IEC 61000-4-30:2015 Class S, EN 50160, IEEE 1159 Flicker IEC 61000-4-15:2010

IEC61000-4-30 is an international standard that specifies methods for measuring power supply quality. Equipment certified as complying with this standard provides reliable and repeatable measurement results.



HIOKI PQ3100

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