



Ref. Certif. No.

**DK-168872-UL**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

**CB TEST CERTIFICATE**

Product

Advanced Power Quality Analyzer

Name and address of the applicant

CET Electric Technology Inc  
8/F Westside Building 201 Terra Industrial & Tradepark Che Gong Miao  
Shenzhen, Guangdong, 518040  
China

Name and address of the manufacturer

CET Electric Technology Inc  
8/F Westside Building 201 Terra Industrial & Tradepark Che Gong Miao  
Shenzhen, Guangdong, 518040  
China

Name and address of the factory

CET Electric Technology Inc  
8/F Westside Building 201 Terra Industrial & Tradepark Che Gong Miao  
Shenzhen, Guangdong, 518040  
China

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

☐ Additional Information on page 2  
Power Supply: 95-250VAC/DC, 47-440Hz, 12W, OVC III or  
Power Supply: 20-60VDC, 12W  
☒ Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

iMeter 8  
☒ Additional Information on page 2

Additional information (if necessary may also be reported on page 2)

National Differences: EU Group Differences, CA, US  
☒ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, IEC 61010-2-030:2017

As shown in the Test Report Ref. No. which forms part of this Certificate

E541576-D1002-1/A0/C0-CB issued on 2025-07-04

This CB Test Certificate is issued by the National Certification Body



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL Solutions (Denmark), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2025-07-17

Signature:

Thomas Wilson



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**DK-168872-UL**

**Additional Model Detail(s):**

iMeter 8, followed by A or B, followed by 5, 1, SCCPA or SCCT, followed by 9, followed by 2 or 3, followed by 5 or 6, followed by A, B, C or D, followed by NAA, followed by C or E.

**Additional Ratings:**

For series, iMeter 8 followed by A or B, followed by 5, 1, SCCPA or SCCT, followed by 9, followed by 2, followed by 5 or 6, followed by A, B, C or D, followed by NAA, followed by C or E.

Power Supply: 95-250VAC/DC, 47-440Hz, 12W, OVC III

Voltage Inputs: 400VLN/690VLL (Max. 400Y690Vac Y connection (earthed neutral)), and 600Vac Delta Connection/Single phase Connection, 40Hz-60Hz@ 50Hz, 48Hz-72Hz @60Hz, CAT III Current Inputs: measuring external current transformer output 1A, 5A or optional max. 500mV input for use with SCCPA current transformer or 333mV for use with SCCT current transformer Digital Inputs (DIC, DI1 to DI8 or DI16): Dry contact, 24VDC internally wetted.

Digital Outputs (DO11, DO12, DO21, DO22, DO31, DO32 or optional DO11, DO12, DO21, DO22, DO31, DO32, DO41, DO42, DO51, DO52, DO61, DO62, DO71, DO72): 5A @ 30VDC Form A

Mechanical Relay

Optional Pulse Outputs (E1+, E2+, E3+, E4+, EC-): 30VDC (Resistive)

For series, iMeter 8 followed by A or B, followed by 5, 1, SCCPA or SCCT, followed by 9, followed by 3, followed by 5 or 6, followed by A, B, C or D, followed by NAA, followed by C or E.

Power Supply: 20-60VDC, 12W

Voltage Inputs: 400VLN/690VLL (Max. 400Y690Vac Y connection (earthed neutral)), and 600Vac Delta Connection/Single phase Connection, 40Hz-60Hz@ 50Hz, 48Hz-72Hz @60Hz, , CAT III Current Inputs: measuring external current transformer output 1A, 5A or optional max. 500mV input for use with SCCPA current transformer or 333mV for use with SCCT current transformer Digital Inputs (DIC, DI1 to DI8 or DI16): Dry contact, 24VDC internally wetted.

Digital Outputs (DO11, DO12, DO21, DO22, DO31, DO32 or optional DO11, DO12, DO21, DO22, DO31, DO32, DO41, DO42, DO51, DO52, DO61, DO62, DO71, DO72): 5A @ 30VDC Form A

Mechanical Relay

Optional Pulse Outputs (E1+, E2+, E3+, E4+, EC-): 30VDC (Resistive)

**Additionally evaluated to:**

EN 61010-1:2010, EN 61010-1:2010/A1:2019, EN IEC 61010-2-030:2021, EN IEC 61010-2-030:2021/A11:2021

**Additional information (if necessary)**



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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