



Ref. Certif. No.

DK-171552-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

☐ Additional Information on page 2

Ratings and principal characteristics

Power Supply: 95-250Vac/dc, 47-440Hz, 10W, OVC III

☒ Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

iMeter 7A

☒ 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-D1005-1/A0/C0-CB issued on 2025-09-17

This CB Test Certificate is issued by the National Certification Body



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL Solutions (Denko), 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

Date: 2025-09-29

Signature:

Thomas Wilson



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DK-171552-UL

Additional Model Detail(s):

iMeter 7A, followed by A or B, followed by 5, 1, SCCPA, SCCT or SCCTA, followed by 9, followed by 2 or 3, followed by 5 or 6, followed by A, B, C or D, followed by A, followed by C or E

Additional Ratings:

For series, iMeter 7A followed by A or B, followed by 5, 1, SCCPA, SCCT or SCCTA, followed by 9, followed by 2, followed by 5 or 6, followed by A, B, C or D, followed by A, followed by C or E

Power Supply: 95-250Vac/dc, 47-440Hz, 10W, OVC III

Voltage Inputs: 400VLN/690VLL (Max. 400Y690Vac Y connection (earthed neutral)), and 600 Vac Delta Connection/Single phase Connection, 40-60Hz or 48-72Hz, CAT III

Current Inputs: measuring external current transformer output 1A, 5A or optional max. 500mV input for use with SCCPA current transformer, 40mA for use with SCCT current transformer or 5A/2mA for use with SCCTA current transformer

Digital Inputs (DIC, DI1, DI2, DI3, DI4, DIC2, DI5, DI6, DI7, DI8): Dry contact, 24VDC internally wetted

Digital Outputs (DO11, DO12, DO21, DO22, DO31, DO32, DO41, DO42): 5A @ 30VDC Form A Mechanical Relay

Optional Solid State Pulse Outputs (E1+, E1-, E2+, E2-): 30VDC (Resistive)

Optional Analog Inputs (AI1+, AI1-, AI2+, AI2-, SH): 24 mA maximum

For series, iMeter 7A followed by A or B, followed by 5, 1, SCCPA, SCCT or SCCTA, followed by 9, followed by 3, followed by 5 or 6, followed by A, B, C or D, followed by A, followed by C or E

Power Supply: 20-60VDC, 10W

Voltage Inputs: 400VLN/690VLL (Max. 400Y690Vac Y connection (earthed neutral)), and 600 Vac Delta Connection/Single phase Connection, 40-60Hz or 48-72Hz, CAT III

Current Inputs: measuring external current transformer output 1A, 5A or optional max. 500mV input for use with SCCPA current transformer, 40mA for use with SCCT current transformer or 5A/2mA for use with SCCTA current transformer

Digital Inputs (DIC, DI1, DI2, DI3, DI4, DIC2, DI5, DI6, DI7, DI8): Dry contact, 24VDC internally wetted

Digital Outputs (DO11, DO12, DO21, DO22, DO31, DO32, DO41, DO42): 5A @ 30VDC Form A Mechanical Relay

Optional Solid State Pulse Outputs (E1+, E1-, E2+, E2-): 30VDC (Resistive)

Optional Analog Inputs (AI1+, AI1-, AI2+, AI2-, SH): 24 mA maximum

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
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