Bringing safer products to multiple markets
UL and the IECEE CB Scheme
Empowering Trust™
Why choose UL?

UL drives global research and standards to continually advance and meet ever-evolving product safety, performance and interoperability needs. UL’s global network of technical experts and state-of-the-art facilities, along with our long-standing relationships with regulatory authorities, affiliated laboratories and industry technical leaders, helps manufacturers gain the compliance credentials they need to compete in a more complex global supply chain.

Knowledge you can trust — Our experienced staff will advise you from the initial design stage of product development through testing and production. Our experts can assist you in understanding the certification requirements for your specific markets.

Speed and efficiency — Our cost-effective systems and state-of-the-art facilities cut through the red tape and help accelerate your time to market.

Single source provider — UL helps meet all of your compliance needs and, by bundling safety, performance and interoperability services, also helps save you valuable time and money.

Global reach and access — Our global network of expert engineers helps you understand the various national and global requirements for your specific market application.

The IECEE CB Scheme

The IECEE CB (Certification Body) Scheme is an international network of product certification organizations dedicated to facilitating international trade through mutual acceptance of product test reports and certificates. The CB Scheme thereby helps manufacturers to obtain multiple international certifications from a single National Certification Body.

CB Scheme benefits
- Single point of product testing for global market access
- Acceptance of test reports for national certification in member countries
- Acceptance of test reports by numerous non-CB Scheme countries
- Functional safety assessment

IEC product categories covered by UL*
- BATT – Batteries
- CABL – Cables and cords
- CAP – Capacitors and components
- CONT – Switches for appliances and automatic controls for electrical household appliances
- E3 – Energy efficiency
- ELVH – Electrical vehicles and associated EV equipment
- EMC – Electromagnetic compatibility
- HDUS – Household appliances, electrical tools and similar equipment
- INDA – Industrial automation
- INST – Installation accessories and connection devices (including functional safety according to IEC 61800-5-2)
- LITE – Lighting
- MEAS – Electrical equipment for measurement, control and instruments for laboratory use
- MISC – Miscellaneous
- MED – Electrical equipment for medical use
- OFF – Information technology (IT) and office equipment
- POW – Low voltage, high power, switchgear and control-gear equipment (including functional safety in accordance with IEC 60947-5-5)
- PROT – Installation protective equipment, accessories and connection devices
- PV – Photovoltaic systems equipment and inverters
- SAFE – Safety transformer and similar equipment
- TOOL – Portable tools
- TRON – Electrical equipment for entertainment (including audio-video, information and communication technology equipment)

* list is subject to change
Advantages of the CB Scheme with UL

Get bundled services for safety, functional safety, energy efficiency and EMC – based on the CB Scheme as well as our own internationally recognized UL Standards.

Stay up to date – We participate in standard development programs around the world and will help ensure your products are evaluated to the most current CB Scheme requirements of member countries.

National differences are special requirements that the IECEE CB Scheme permits each country to adopt in order to address local safety concerns. You must still apply to the National Certification Body in your target countries for national certifications, or UL can do it for you.

Accelerate your time-to-market and reduce costs – as UL is able to help you gain certifications for multiple countries without the need for retesting.

Benefit from our recognized authority within the CB Scheme – UL is one of the leading issuers of IECEE certification in the world.

Benefit from our knowledge and research – as the global safety science leader with a comprehensive technical expertise and highly experienced engineers, UL is dedicated to mitigating risks and safeguarding innovation through research and development. UL constantly researches for and develops new testing methodologies and equipment, new procedures, new software and new standards, helping make the world safer and facilitating international trade.

Facilitate responsible sourcing – through validation of your supply chain to stringent international ethical standards, including information solutions that provide streamlined, searchable access to essential data needed to make informed, timely choices about sources and materials.

Only UL can issue the UL Mark – the No. 1 recognized mark in the U.S. and one of the most widely recognized safety symbols in the world.

Let us cover your entire product life cycle – as we are continuously expanding our range of services.

The certification process

UL bundles CB Scheme and Global Market Access to gain all relevant certifications with only one investigation.

Start up/kick off
- Applicant contacts UL, defines scope, reviews recommendations, and authorizes UL service

Submission
- Applicant submits a sample along with:
  - Name and address of company responsible for the products
  - List of manufacturing locations
  - List of countries for which market access is required
  - Full product description and documentation

Testing
- UL conducts product tests and evaluations according to:
  - Applicable IEC standards including functional safety
  - National differences of the target countries, as needed
  - Product testing can be performed in UL laboratories or in qualified manufacturers’ facilities, witnessed or supervised by UL staff (Customer’s Testing Facility)

CB Certification and CB Test Report
- If the product is compliant with the applicable requirements, UL issues the:
  - CB Test Certificate and CB Test Report

National Marks
- The CB Test Certificate and CB Test Report, including the supplement on national differences, enable the customer to:
  - Apply for multiple national certifications without additional laboratory product tests

Market Product
- Customers market their products in the target countries

The UL difference

Access to worldwide recognition with one source
UL has its own accredited laboratories and CBTLs in all regions of the world, enabling us to assess products to a broad range of IEC standards, while also integrating any relevant national differences. UL continues to expand its portfolio of testing and certification offerings, helping our customers obtain North American and global market certifications – quickly, reliably and with worldwide recognition.
Global Market Access

Beyond CB certification
UL’s Global Market Access services give you the ability to achieve and maintain product compliance, increase speed-to-market, reduce costs, improve product safety, and manage risk. Manufacturers can choose any combination of our services to fit specific needs. You can also have UL deliver a turnkey solution in which we help manufacturers gain the compliance credentials they need to compete in the ever-changing regional and global marketplace. From compliance and regulatory issues to trade challenges and market access, our experts remain aware of changes and are prepared to offer you the most up-to-date guidance possible.

The UL promise
One-stop resource for fast global market access with premium service
- Streamlined and accelerated certification process through only one product submission for all target markets
- One certifying body for access to world markets, reducing administration and project management to a minimum
- UL’s respected brand reputation and pivotal role in standards development facilitate worldwide acceptance and recognition
- We help protect your brand, as well, by applying our safety services to your entire supply chain, from factory assessments and quality inspections, to performance and safety testing
- UL works with major anti-counterfeiting organizations such as the FBI and Interpol to deter unauthorized use of the UL Mark, which also helps safeguard the integrity of the OEM’s brand

Last updated January 2021
This information is only a selection of some of the most popular markets and marks for guidance and illustration purposes only. The map represents some of the marks and certificates that UL may be able to assist you in obtaining if your products meet all the applicable requirements. Mark and certificate requirements may vary from product to product and region to region. For the most updated information regarding your specific needs for market access, please contact your local UL representative.

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Global Market Access
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