



# Increase Market Access with Certification Services for Capacitors

Power into new markets by streamlining capacitor certifications with UL

*Independently verifying a product's compliance to meet and exceed new industry demands, provides manufacturers with the confidence to enter and expand into new markets.*

The rising demand for electricity including electricity from renewable energy sources has placed a higher demand on the current power generation infrastructure and its manufacturers. UL's capacitor certification services can help you deliver the right capacitor solution for products and systems with options for distinct levels of certification. These options allow end product manufacturers and integrators to strategically choose the most effective solution to meet the most demanding requirements for cost and performance to enter new markets.

## Capacitor Certification Option Benefits:

- Reduction in product testing for the end product manufacturer
- Meeting end product safety criteria
- Reduction in product costs for end product manufacturer
- Increase in available capacitor options

## New DC Power Capacitors:

Evaluate for safety to ANSI/UL 810B for renewable energy and similar types of DC power applications.

- DC power electronics
  - Switching circuits
  - DC filtering
- Renewable energy systems



For more information, contact your local representative, e-mail [NA.CircuitProtection@ul.com](mailto:NA.CircuitProtection@ul.com) or visit [UL.com](http://UL.com)



## Capacitors & Capacitor Banks

AC	with internal protection against fault currents	appliances, lighting equipment, air conditioning, refrigeration equipment, motors, power factor correction	ANSI UL 810, Capacitors Part I (CYWT2) and CSA C22.2 No. 190 (CYWT8)	5 kV to 2 kV	US and Canada
	without internal fault current protection	plastic housing or partial metal housings	ANSI UL 810 Part I, (CZDS2) and CSA C22.2 No. 190 (CZDS8)	Up to 7.2 kV	US and Canada
	electrolytic	motor start	ANSI UL 810 SA (CZEH2)	600 V or less	US
	banks	power factor correction units	ANSI/UL 810B Part II (CYWT) CSA C22.2 No. 190 (CYWT7)	600 V or less	US and Canada
DC	with/out internal fault current protection	switching circuits, dc filtering, and renewable energy systems	ANSI/UL 810B	Up to 7.2 kV	US

## 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 longstanding relationships with regulatory authorities, partner 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 & 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 meets all of your compliance needs and, by bundling safety, performance and interoperability services, also helps save you valuable time and money.

**Global Reach & Access** – our global network of expert engineers helps you understand the various national and global requirements for your specific market application.

For more information, contact your local representative, e-mail [NA.CircuitProtection@ul.com](mailto:NA.CircuitProtection@ul.com) or visit [UL.com](http://UL.com)