



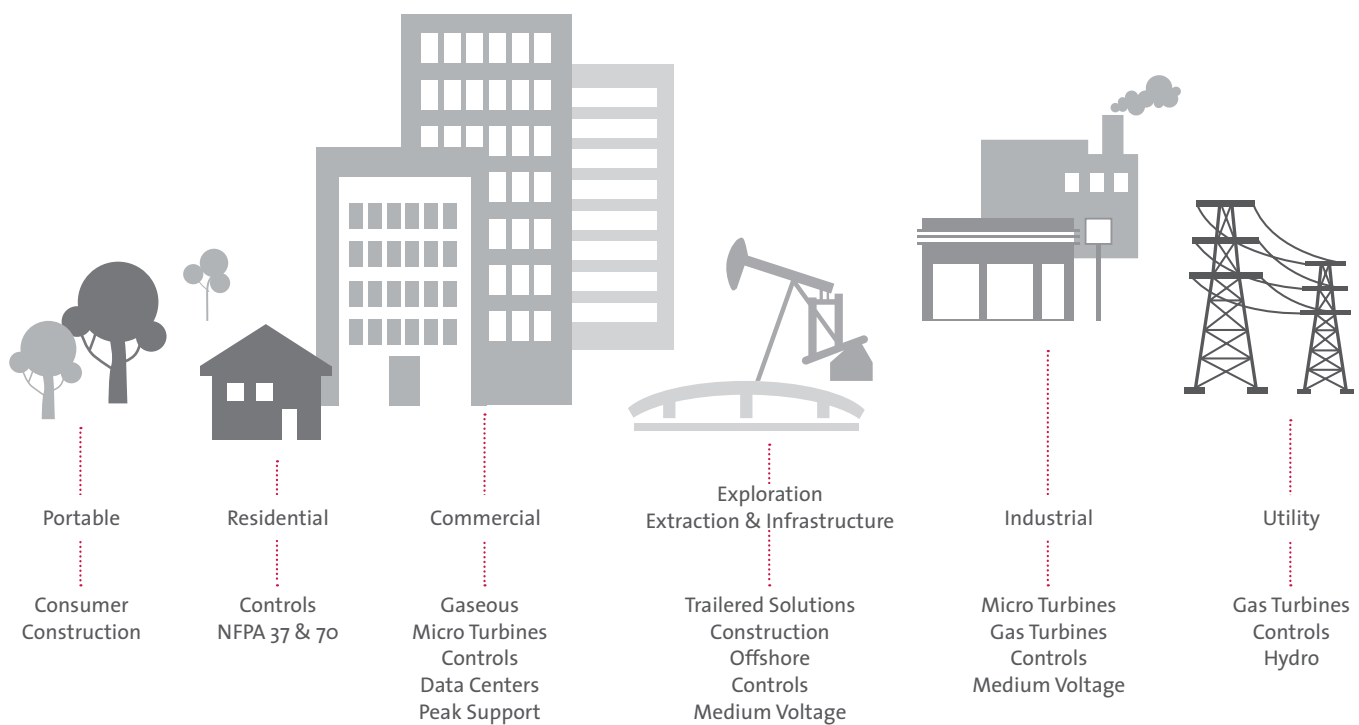
# Empowering market access for power generation equipment

UL's unmatched expertise gives you a competitive advantage

## Comprehensive UL power generation services

Driven by the growing demand for energy, local power production is booming throughout the world in both rural and urban settings. The rising number of local installations has resulted in heightened regulatory oversight, and a greater need

than ever to ensure power-generation product reliability. UL's wide range of services provides the recognized credentials and assurance necessary for global access, product differentiation and business success.



## The benefits of working with UL

### Global recognition

The UL brand is known and trusted around the globe. UL is a leading force in the research and development of global regulatory standards across a wide spectrum of industries, including power generation.

### Industry experience

For over 100 years, UL engineers and labs have delivered valuable insight to help build the current landscape and shape the future of power generation technology, regulations and market trends.

### Collaborative advantage

UL is committed to finding solutions that take your individual needs and goals into account, and increase the value, acceptance and marketability of your products worldwide.

### Bottom-line impact

UL identifies harmonized requirements and gaps in applicable international standards, developing a testing approach that helps expand your market presence and save both time and money.

For more information, contact your local sales team, e-mail [ULHELPS@ul.com](mailto:ULHELPS@ul.com) or visit [ul.com](http://ul.com)

## UL power generation services



### Power up your product profile

UL's global engineering and inspection staff knows that time-to-market is crucial. We reduce overall testing, inspection & certification time and expense through the leveraging of global certification synergies. UL can also assist in accelerating product development and acceptance from the earliest design phase. We want to help businesses bring safe products to consumers quickly and efficiently.

### At your service – worldwide

	U.S.	Canada	Europe	Latin America	Other
<b>System Safety Standards</b>	UL 2200: Generator sets UL 1004: Generators UL 2201: Portable sets UL 1008: Transfer switch UL 1741: Converters	CSA 22.2 No 100 ISO 19372 CSA B149 series CSA B139 Future standard UL/ULC 2200	EN 60034 EN 12601 EN 60335-1 CE: Notified Body	<b>Brazil:</b> ABNT NBR 14664 (telecom), IEC 60034 (NBR 5052, ABNT NBR 6146, ABNT NBR 7565, NBR 7094)	<b>Australia:</b> AS 3814 UL 2200 & IEC 60079-2 <b>Russia, Kazakhstan &amp; Belarus:</b> EAC Mark <b>Certificates:</b> IEC 60034, UL 2200 <b>International:</b> ISO 19372 ISO 21789 (engine Only)
<b>Controller Standards</b>	UL 6200	CSA 22.2 No. 14 IEC 61508	EN 60204-1, -11 and IEC 62314 and/ or IEC EN 60255-27	UL 6200 IEC 60204-1	IEC 61508, IEC 60204-1, -11 and IEC 62314 and/ or IEC EN 60255-27
<b>Hazardous Locations</b>	Intrinsic safety – UL 913 Explosion proof – UL 1203 Non-sparking – ISA	CSA 157 CSA 30 CSA 213	EN 60079 IEC-Ex: IEC 60079 <b>ATEX Directive</b> 94/9/EC	<b>IEC-Ex:</b> IEC 60079 <b>ATEX Directive</b> 94/9/EC	IEC-Ex & ATEX services for assemblers
<b>EMC</b>	IEEE 1547.1 IEEE C37.90 IEEE C62.41.2 IEEE C62.45 IEEE C90.2 FCC Part 15	EEE 1547.1 IEEE C37.90 IEEE C62.41.2 IEEE C62.45 IEEE C90.2	<b>EMC Directive:</b> EN 61000-6-1/2/3/4, EN 55011 CE: Notified Body	<b>Mexico:</b> EN 61000-6-1/2/3/4, EN 55011	IEC 61000 Series CISPR11
<b>Inspection</b>	UL FUS	UL FUS	UL EU Mark Onsite inspections	Local installation inspection	SASO (Saudi Arabia) Installation inspection
<b>Utilities (grid connection)</b>	IEEE 1547 IEEE 1547.1 IEEE 1547A	CSA C22.2 107.1	<b>Germany:</b> VDE, BDEW, FGW <b>Italy:</b> CEI <b>UK:</b> G59/3, G83/2 <b>Austria:</b> ÖVE, TOR <b>Spain:</b> UNE <b>Belgium:</b> C10/11 <b>France:</b> UTE <b>Europe:</b> EN 50438, EN 62116, EN 61727	<b>Brazil:</b> ABNT NBR 16149, ABNT NBR 16150, ABNT NBR IEC 62116	<b>Australia:</b> AS 4777-2, AS 4777-3 CGC/GFO04: 2011 NB/T32004-2013 <b>Japan:</b> JEAC 9701 <b>South Africa:</b> SAGC
<b>Software</b>	UL 1998 UL 60730-1 UL 61508	IEC 60730-1	EN 60730-1	UL 1998 UL 60730-1 UL 61508	IEC 60730-1
<b>Performance Testing</b>	NFPA 37 Output verification Fuel system verification		ISO 8528 UL TEC (type test certificate)	Material testing Extreme Environmental testing	

### UL advisory services

UL global entry advisory services help manufacturers understand global regulatory requirements. Knowing in advance what is required means that customers can reduce expensive testing and inspection at the installation site. UL also advises on:

- Risk management
- Supply chain management
- Customer satisfaction

### UL education & training programs

UL shares its knowledge and experience through a suite of education and training programs focusing on topics applicable to the power generation industry:

- UL 2200, UL 6200, UL1741, UL 1998, UL 60730-1, the National Electrical Code 2014 and the CE Mark
- Available in formats including open, public workshops, private and customized on-site workshops, and web-based programs.

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