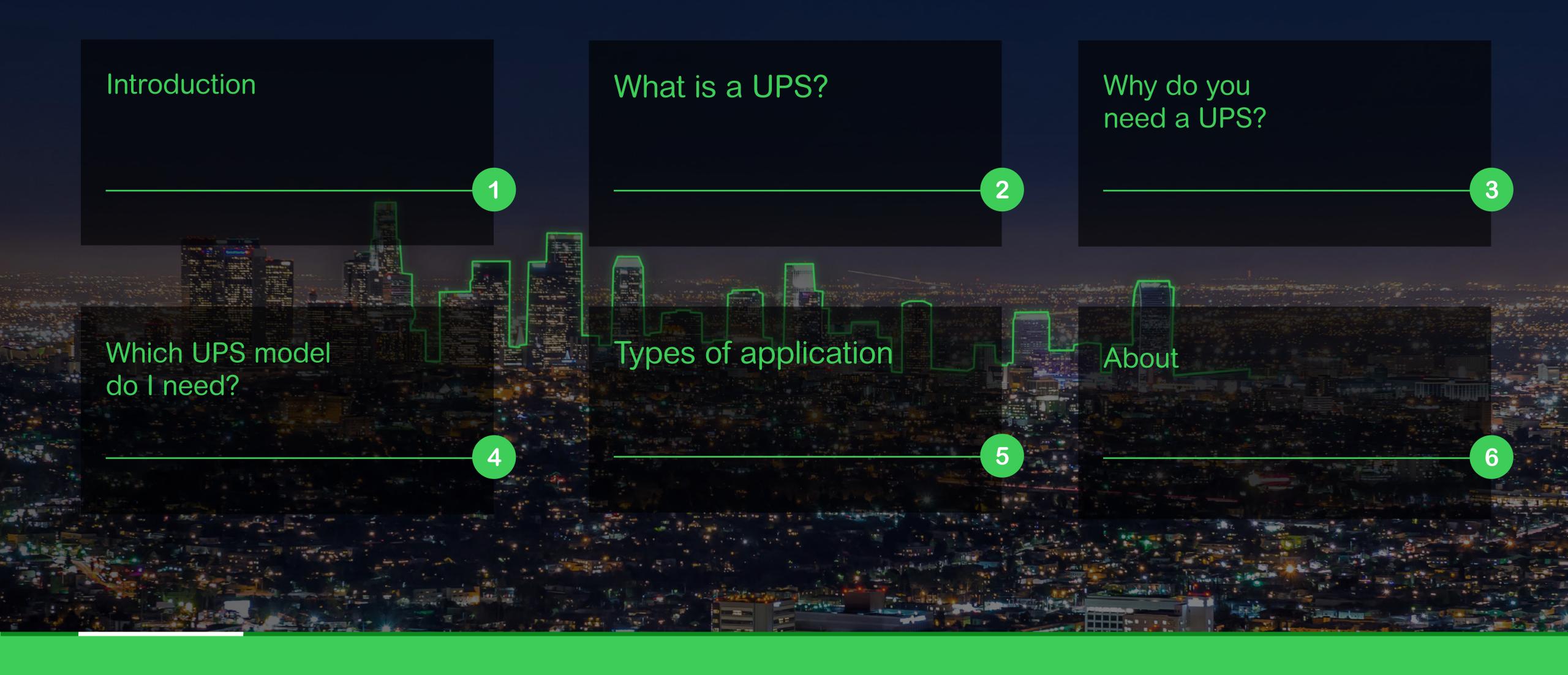


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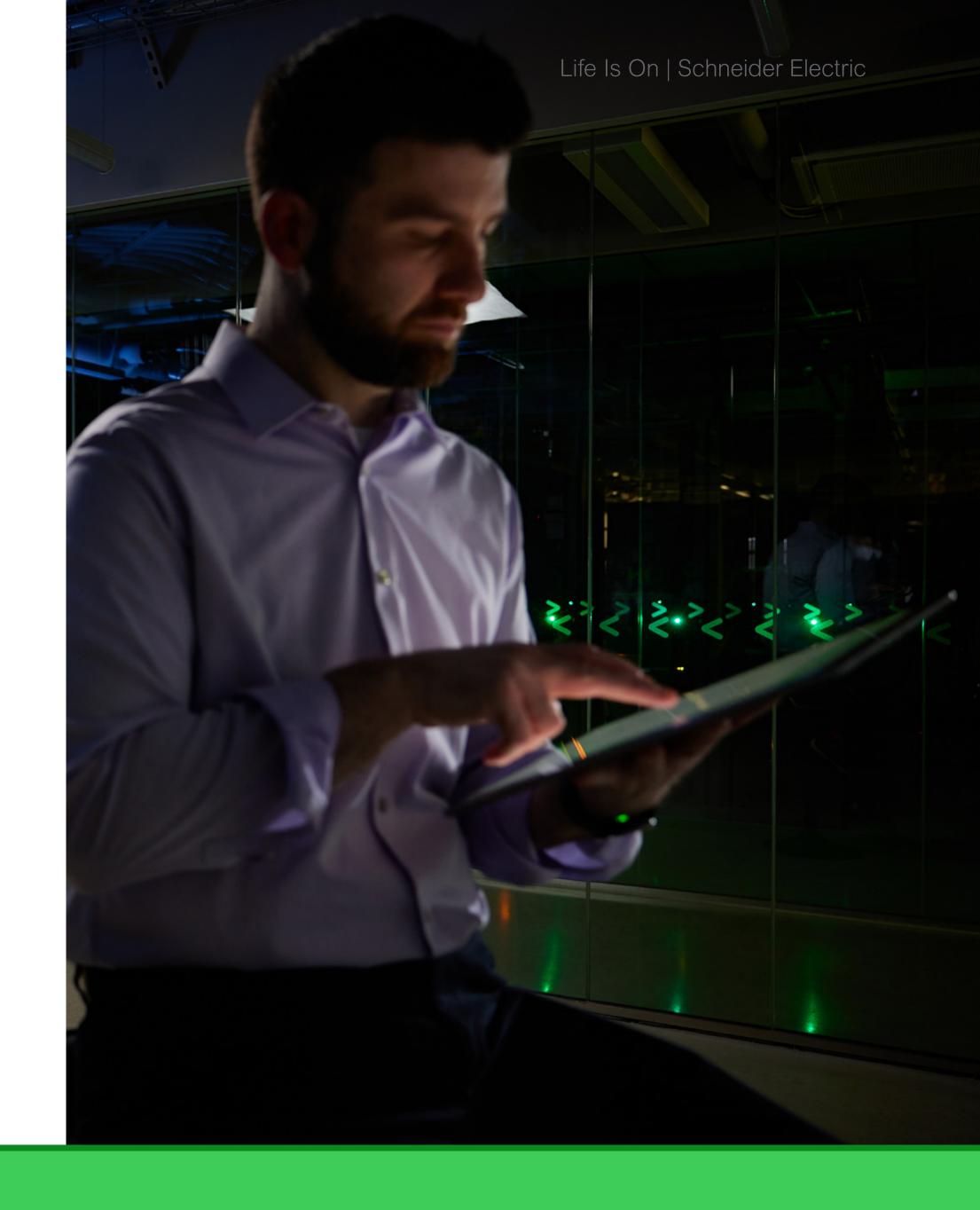
Power Protection in today's world.

The technological world around us has become highly dependent upon the continuous availability of electrical power.

Sophisticated technology is now an integral part of our lives both at home and at work, and with the advent of e-commerce the way in which we interact with the rest of the world is continually changing.

Intelligent technology demands power that is free of interruption or disturbance.

Many of the issues associated with equipment failure, software and data corruption and downtime are the result of a problematic supply of power.



Downtime is not an option.

Power protection has never been more critical than it is today; homes and businesses rely on their electronics and critical applications in order to ensure that they are fully functional at all times.

This includes a growing culture of employees that need "always-on" technology, whether they are in the office or working from home. Reducing equipment downtime, and thus increasing profitability, is now a new priority for any size of business.

In today's 'always on' world, downtime is not an option. Uninterruptible power supply (UPS) plays a critical role in ensuring resilient power infrastructure.

Read this Infographic to find out the Impact of IT Downtime and Power Outages





Why do you need a UPS in your home?

Home

The electronic devices you rely on every day for communication, security and entertainment are at risk of damage and failure due to unexpected blackouts, voltage fluctuations or other power disruptions. A UPS provides battery backup power and protection for electronic devices, including:



Wireless networking
equipment
(routers, modems)



Computers



Televisions



Mobile devices



Security systems



Gaming consoles

Learn more about our Home solutions



Why do you need a UPS for your business?

Business

Downtime caused by power outages is frustrating for anyone, but can be financially crippling for a business or organisation. Every year, billions of dollars are lost due to downtime caused by power disruptions that could have been prevented by a UPS. For Fortune 1000 companies.

Small to medium-sized businesses may be at most financial risk due to a limited ability to generate revenue during downtime.

Learn more about our Business solutions



What size UPS do you need?

Electronics have both maximum watt ratings and maximum VA (volt-ampere) ratings. Neither rating may be exceeded by attached equipment. Watts measure real power drawn by the equipment, while volt-amps are the product of the voltage applied to the equipment times the current drawn by the equipment.

For help sizing a UPS, please use our UPS Selector





The Power Factor

For computers and UPS units, watt and VA ratings can differ significantly, although VA rating is always equal to are larger than watt rating. The ratio of watts to VA is called the 'power factor' and is expressed either as a number (i.e. – 0.8) or a percentage (i.e. – 80%). When sizing a UPS for your specific requirements, the power factor matters most. Generally, your UPS should have an Output Watt Capacity 20-25% higher than the total power drawn by any attached equipment.

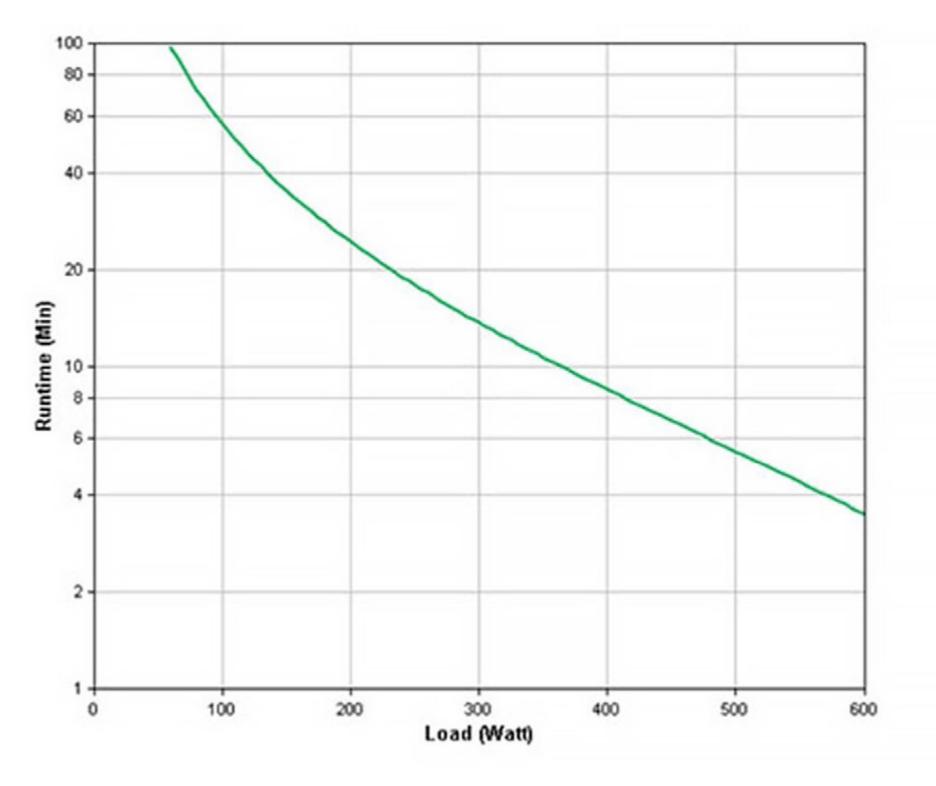
To learn about more about power factor, read our white paper.



How much runtime do you need to support your attached equipment?

That depends on what you intend to back up with your UPS.

Runtime refers to the amount of time a UPS will be able to power its attached equipment in the event of a power disruption. The more equipment you have plugged-in to your UPS, the less runtime you will have, so it's important to make sure your UPS is only providing backup power to your most critical equipment.



Some key features to understand when choosing a UPS system...



Basic

- User-Replaceable Batteries Increases availability by allowing trained users to perform battery upgrades and replacements
- Surge-Only Outlets Protect secondary electronics from surges and spikes without reducing battery power used to run primary electronics during outages
- Building Wiring Fault Indicator LED indicator that informs users of potentially dangerous wiring problems in wall circuits
- Transformer-Block Spaced Outlets -Protects equipment without blocking access to other receptacles
- Automatic Self-Test Periodic battery check that ensures early detection of batteries needing replacement



Enhanced

- Automatic Voltage Regulation (AVR) gives high application availability by correcting low and high voltage conditions without using the battery
- Pure Sine-Wave Output on Battery Simulates utility power to provide the highest degree of compatibility for active PFC (power factor corrected) servers and sensitive electronics.
- SmartSlot Customises UPS capabilities with network management cards
- Scalable Runtime Allows additional runtime as needed via external battery packs
- Power Conditioning Protects connected loads from surges, spikes, lightning and other power disturbances



Advanced

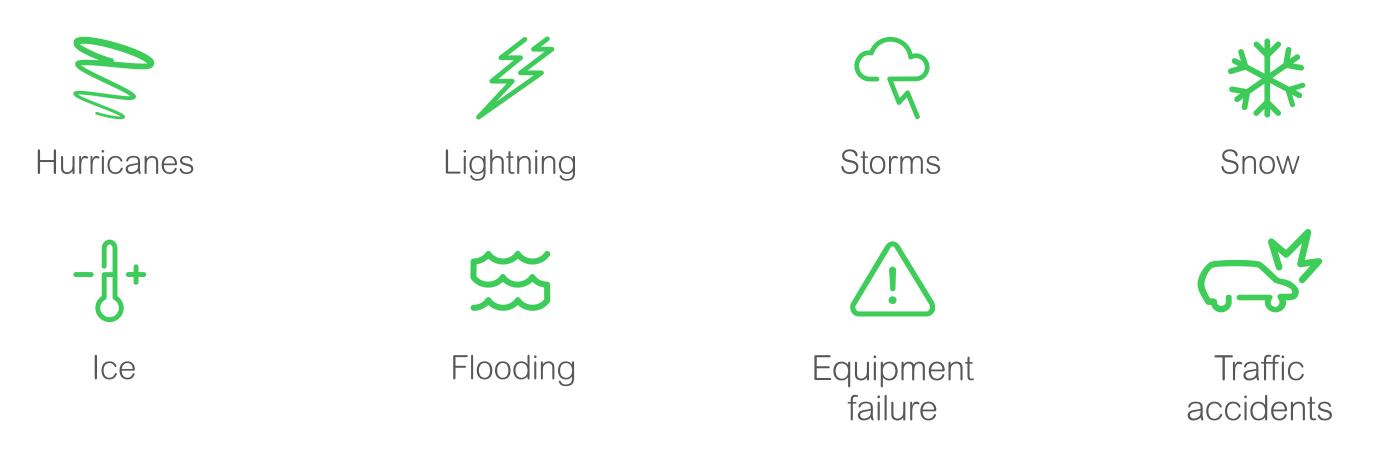
- Adjustable Voltage transfer points Maximise useful battery life by widening the
 input voltage window or tightening the output
 voltage regulation
- Temperature Compensated Battery
 Charging Prolongs battery life by regulating the charge voltage according to battery temperature
- Intelligent Battery Management Maximises battery performance, life and
 reliability through intelligent, precision charging
- Predictive Failiure Notifications Provide early-warning fault analysis, ensuring proactive component replacement
- Plug-and-Play External Batteries Ensure clean, uninterrupted power when adding extra runtime to a UPS





What power conditions will a UPS battery backup protect against?

Many power problems originate in the commercial power grid, which, with its thousands of miles of transmission lines, is subject to damage from weather variations such as:



For more information on the different types of power problems, please see our white paper, The Seven Types of Power Problems.

Click here



Types of application...



Computers and Peripherals

Battery backup and surge protection for computers, home networking, external storage, gaming, home servers and more.

Shop our products



Special Applications

Secure power systems for special single phase applications including industrial controls, renewable energy, marine, telecommunications and other configurations.

View all options



Networks and Servers

Power availability and managment for entrylevel to high performance servers, storage, and business networking systems.

Browse these products



UPS management

Software, network management cards and peripherals for UPS management and safe system shutdown.

More details



Data centres and Facilities

Three-phase power protection with fully integrated solutions for enterprise-wide networks, data centres, mission critical systems and industrial/manufacturing processes.

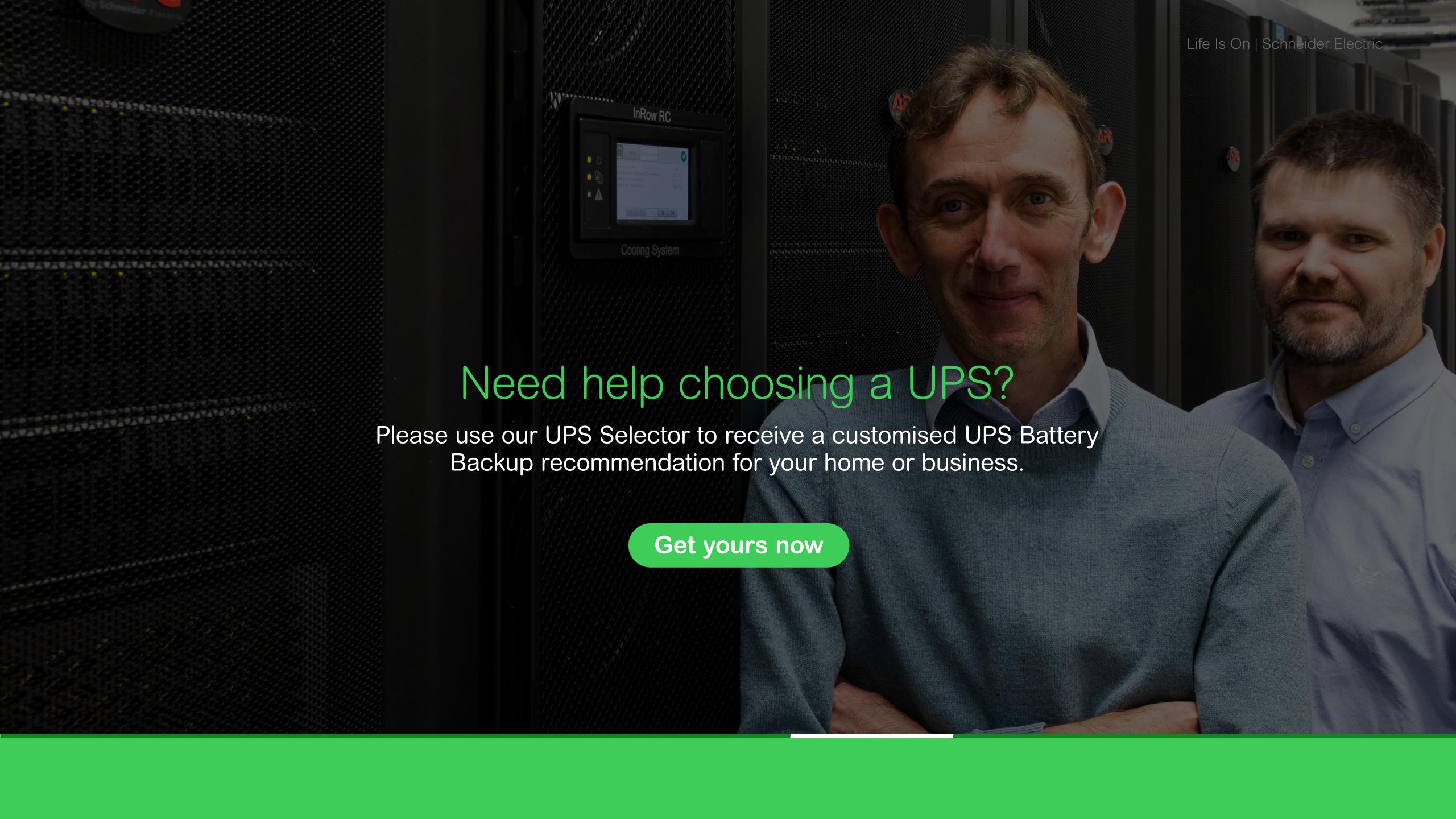
Explore our offer



UPS replacement batteries

Replacement battery cartridges (RBC) for back-UPS, smart UPS and smart-UPS On-line.

Learn more

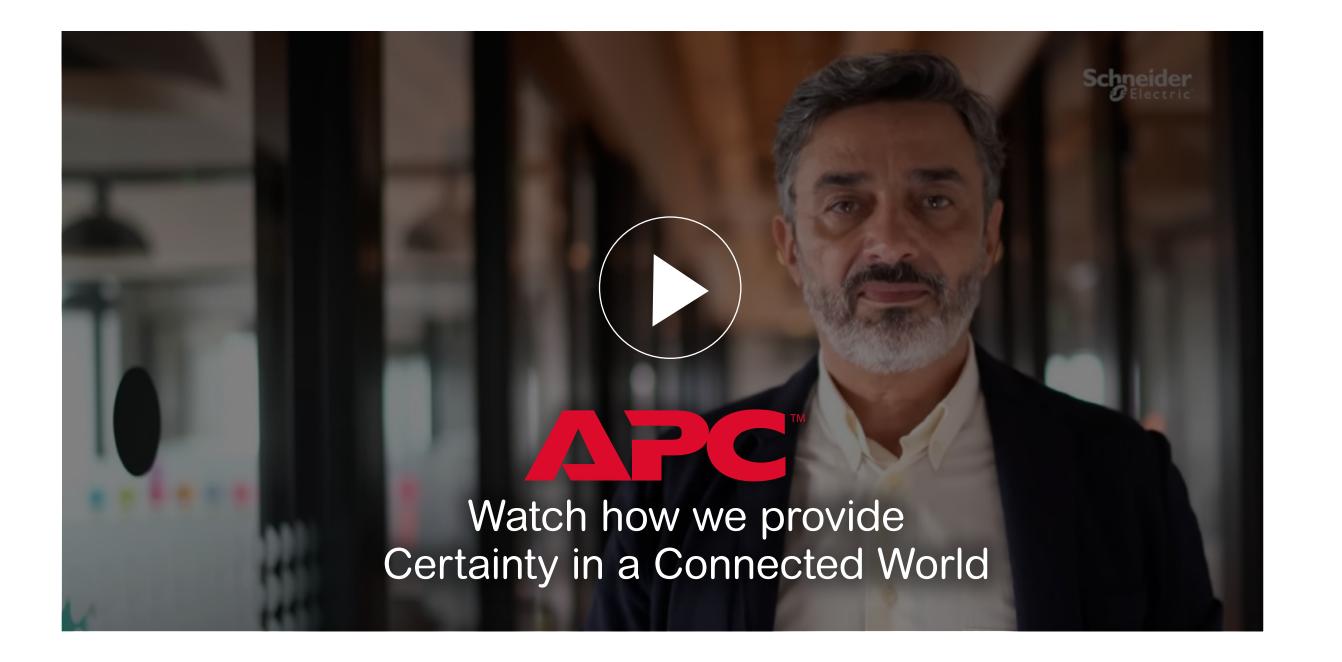


Certainty in a Connected World

We believe data and connectivity are crucial for business success.

Our APC branded solutions ensure they're available when and where you and your customers need them. It's how we provide **Certainty in a Connected World**.

Discover our mission



About

Schneider Electric

Schneider Electric's purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. We call this Life Is On.

Our mission is to be your digital partner for Sustainability and Efficiency.

We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management for homes, buildings, data centers, infrastructure, and industries.

We are the most local of global companies. We are advocates of open standards and partnership ecosystems that are passionate about our shared Meaningful Purpose, Inclusive, and Empowered values.

APC

APC, a flagship brand of Schneider Electric, provides clean battery backup power, surge protection, and IT physical infrastructure, ensuring data is available — whenever and wherever you need it.

With APC products that are connected to Schneider Electric ecosystems, we provide a complete portfolio of data center solutions, software, and services that are sustainable, resilient, hyper-efficient, and adaptive in the cloud and at the edge.

That's Certainty In A Connected World.



Connect with us for help in choosing the right product, troubleshooting and installation.

apc.com













Schneider Electric

Stafford Park 5, Telford, Shropshire, TF3 3BL Tel: 0870 608 8 608

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