

# LYNC DR



Power Go

Go Electric

## Innovative Battery Energy Storage UPS

### ADVANCED CAPABILITIES

#### ULTRAFAST POWER TRANSFER

Delivers ultra-fast (sub-cycle) uninterruptible power to facility critical loads from any energy resource.

#### REDUCES FACILITY ENERGY COSTS

Reduces facility energy costs by peak shaving, power factor correction and load shifting. Facility managers can monitor their energy savings online real time.

#### OPTIMISES ONSITE RENEWABLES & DERS

Optimises on site renewables & distributed energy resources (DERs) for maximum energy efficiency & keeps solar safely operating during a grid outage.

#### EARNS INCOME

Earns income from local utility demand response programs.

# 250kW

### LYNC DR<sup>®</sup>

#### Better Than Battery Energy Storage

Traditional battery energy storage systems are not good enough anymore. Customers want energy resiliency as well as energy efficiency at their facilities.

Go Electric's LYNC DR<sup>®</sup> is an innovative battery energy storage UPS that provides both energy resiliency and energy efficiency in a plug and play container.

LYNC DR<sup>®</sup> delivers secure, reliable power, reduces (shaves) facility peak loads, optimises on-site renewables and generators, improves power factor and ensures pure quality power to your facility.

LYNC DR<sup>®</sup> earns income from utility Demand Response programs. A DR<sup>®</sup> event does not interrupt or turn off any facility operations. Critical facility processes keep going without a blip.

Unsure if your business can handle the capital expense of a battery energy storage system? Power Go offers a "Give It Away for Free" equipment business model throughout the UK

Go Electric's patented LYNC DR<sup>®</sup> is the only battery energy storage that provides energy resiliency and efficiency.

## 250kW Specifications



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<b>Power Rating</b>	250kW nominal, bi-directional
<b>Peaking Power Capacity</b>	150%
<b>Energy Storage Rating</b>	115kWH Li Ion. 500kWH and larger energy storage available.
<b>Output Voltage Range</b>	480/277 VAC 60 Hz 3 $\phi$
<b>Power Factor</b>	Adjustable 4-quadrant output.
<b>Frequency Range</b>	Supports 60Hz, 50Hz
<b>Typical Efficiency</b>	>96%
<b>Response Time</b>	Less than 1 cycle
<b>Controls Comms Protocols</b>	Modbus RTU, Modbus TCP/IP, Canbus
<b>Monitoring</b>	Local and Remote
<b>DER Integration &amp; Control</b>	Optional Microgrid Controller to integrate multiple Distributed Energy Resources into a seamless energy resilience system.
<b>Certifications</b>	UL 1741; UL 916 (pending); HECO VFRT and TROV2
<b>Warranty</b>	2 years; Extended warranty is available.
<b>Controls Enclosure</b>	NEMA-3R/4 Stainless Steel Outdoor -25°C
<b>Ambient Operating Temp</b>	to 40°C
<b>Enclosure Size &amp; Weight</b>	LWH: 1982mm x 1677mm x 1830mm   1360kg <u>115kWH</u>
<b>Battery Enclosure</b>	NEMA-3/4R Powder Coat Steel
<b>Ambient Operating Temp</b>	-25°C to 50°C
<b>Enclosure Size &amp; Weight</b>	Sizes on request
<b>Demand Response</b>	
<b>DR and Grid Services</b>	Capacity, Fast Frequency Response, Regulating and Contingency Reserve, Economic & TOU Load Shifting, Solar Smoothing
<b>DR Communications Protocols</b>	Certified Open ADR2.0a & Certified Open ADR 2.0b