LYNC DR®

Innovative Demand Response UPS

Power Go

Go Electric

ADVANCED UPS 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

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.

125kW

LYNC DR®

The Only UPS That Pays You Back

Traditional UPS systems that provide reliable, uninterruptible power during grid interruptions are not good enough anymore. Customers want energy assets that create value 24/7.

Go Electric's LYNC DR® is an innovative UPS that creates value every millisecond of every day.

LYNC DR® 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® earns income from utility Demand Response programs. A DR® 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 UPS system? Power Go offers a "Give It Away for Free" equipment business model throughout the UK

Go Electric's patented LYNC DR® is the only UPS that reduces your energy costs and pays you back.

Energy resiliency has never been better.

Power Go, Shenton House, Walworth Road, Andover SP10 5JS

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wwww.powergo.co.uk

125kW Specifications

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UPS

Power Rating	125kW nominal, bi-directional
Peaking Power Capacity	150%
Energy Storage Rating	38kWH or 115kWH Li Ion. Other energy storage systems available.
Output Voltage Range	480/277 VAC 60 Hz 3ϕ
Power Factor	Adjustable 4-quadrant output.
Frequency Range	Supports 60Hz, 50Hz
Typical Efficiency	>96%
Response Time	Less than 1 cycle
Controls Comms Protocols	Modbus RTU, Modbus TCP/IP, Canbus
Monitoring	Local and Remote
DER Integration & Control	Optional Microgrid Controller to integrate multiple Distributed Energy Resources into a seamless energy resilience system.
Certifications	UL 1741; UL 916 (pending); HECO VFRT and TROV2
Warranty	2 years; Extended warranty is available.

Controls Enclosure	NEMA-3R/4 Stainless Steel Outdoor	
Ambient Operating Temp	-25°C to 40°C	
Enclosure Size & Weight	LWH: 1982mm x 1677mm x 1830mm | 1360kg	
	38kWH	115kWH
Battery Enclosure	NEMA-3R/4 Stainless Steel	NEMA-3R Powder Coat Steel
Ambient Operating Temp	-25°C to 40°C	-25°C to 50°C
Enclosure Size & Weight	Sizes on request	Sizes on request

Demand Response

DR and Grid Services	Capacity, Fast Frequency Response, Regulating and Contingency Reserve, Economic & TOU Load Shifting, Solar Smoothing
DR Communications Protocols	Certified Open ADR2.0a & Certified Open ADR 2.0b

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