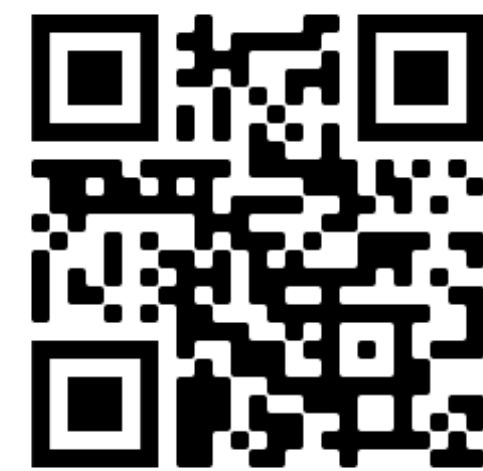


Q-on I-Series UPS

Lithium-Ion Powered UPS + Battery Bank



Scan the code to
visit our website



The Q-on I-Series is a range of scalable, dual UPSs' that bring Li-ion reliability and longevity to UPS battery life. For the first time you can now have the sophistication and power reliably of a UPS coupled with a 10 year lifespan of Li-ion battery packs.

Available from 5-45 kVA, the Q-on I-Series is ready to protect your critical loads instantaneously.

powermode

www.powermode.co.za
power@powermode.co.za

Johannesburg

011 235 7750
31E Lake Road
Longmeadow Business Park North
Modderfontein, 1609

Cape Town

021 552 4019
Unit 1, Iberica Park
11 Platinum Crescent
Milnerton, 7441

Durban

011 235 7750
28 Sagewood Way,
Glen Anil,
Durban, 4051

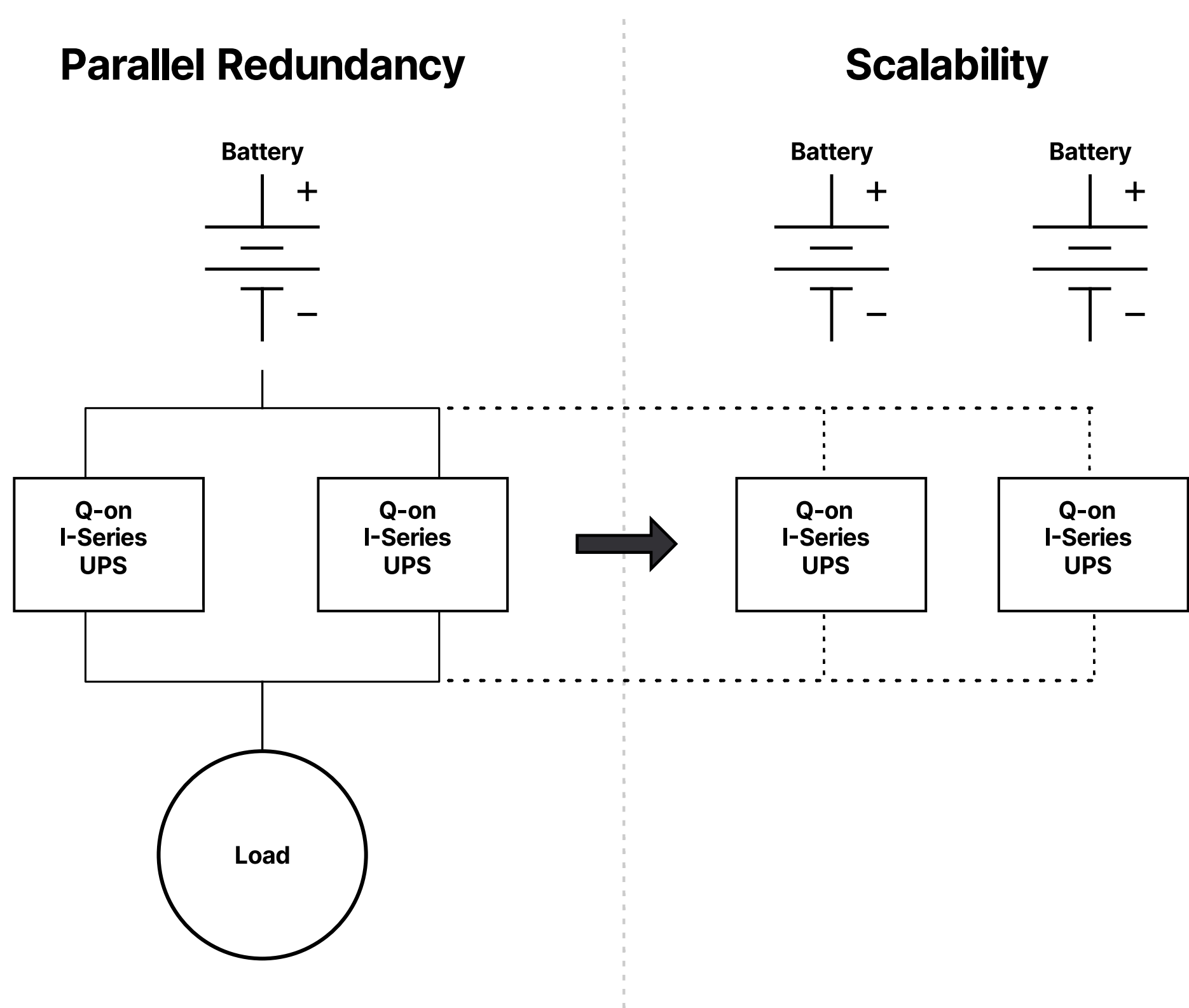
Q-on I-Series

UPS SPECIFICATIONS

- Li-ion battery - 10 year Guarantee
- True double-conversion
- Pure Sine-wave output
- Unitary Power Factor pf1.0
- Optional parallel redundant operation
- Scalability 5kVa – 40kVa
- Wide generator compatibility
- Cold Start capability
- Single Phase or Three Phase applications
- Li-ion battery pack scalable from 5-20kWh
- Overload and short circuit protection
- High temperature operating environment up to 60°C
- Starts at 30 min runtime at 75% load
- Extended runtimes available



Extended runtime batteries + Q-on I-Series UPS



CONFIGURATION

- Configure a solution with up to 9 UPS' in parallel
- Supports extended run Lithium-Ion Batteries
- Scalable from 5 - 20kWh li-ion batteries depending on runtime requirements
- Built in fail over/redundancy
- Single phase and three phase compatible

SECTORS



Retail



I.T



Medical



Industrial



Manufacturing

BENEFITS



Instant, Clean
Power

10

10 year
Guarantee



Fast
Charging



Seamless
Power



Affordable
Rental Scheme

TECHNICAL SPECIFICATIONS

| Q-on I-Series Online UPS | | | | | |
|---|-----------------------|--|------------------|------------------|------------------|
| CAPACITY | | 5 000VA/5 000W | 10 000VA/10 000W | 15 000VA/15 000W | 20 000VA/20 000W |
| INPUT | | | | | |
| Voltage | | 220/230/240 VAC | | | |
| Voltage Range | | 110-280 VAC @ 50% load ; 176-280 VAC @ 100% load | | | |
| Frequency Range | | 46~54 Hz or 56~64 Hz | | | |
| Power Factor | | ≈0.98 @ Nominal Voltage (100% Load) | | | |
| THDi | | ≤8% | | | |
| OUTPUT | | | | | |
| Output Voltage | | 220/230/240 VAC | | | |
| AC Voltage Regulation (Batt.Mode) | | ± 1% | | | |
| Frequency Range (Synchronized Range) | | 46~54 Hz or 56~64 Hz | | | |
| Frequency Range (Batt. Mode) | | 50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz | | | |
| Current Crest Ratio | | 03:01 | | | |
| Harmonic Distortion | | ≈3% THD (Linear Load), | | | |
| | | ≈5 % THD (Non-linear Load) | | | |
| Transfer Time | AC Mode to Batt. Mode | Zero | | | |
| | Inverter to Bypass | 4 ms (Typical) | | | |
| Waveform | | Pure Sinewave | | | |
| EFFICIENCY | | | | | |
| Line Mode | | 93.0% | | | |
| ECO Mode | | 99.5% | | | |
| Battery Mode | | 91.0% | | | |
| BATTERY | | | | | |
| Li-ion - LiFePO4 | | 2.4kW - 10kWh | | 10kW - 20kWh | |
| Charging Current (max.) | | 60A | | 120A | |
| INDICATORS | | | | | |
| LCD Panel | | Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator Via LCE | | | |
| PHYSICAL | | | | | |
| UPS Dimension, D x W x H(mm) | | 465 x 190 x 318 | 456 x 380 x 318 | 465 x 380 x 636 | 465 x 380 x 636 |
| UPS Net Weight (kgs) | | 15.5 | 31 | 47 | 62 |
| Li-ion Battery Dimension, D x W x H(mm) | | 500 x 340 x 290 | 745 x 340 x 290 | 745 x 490 x 290 | 745 x 640 x 290 |
| Li-ion Battery Net Weight (kgs) | | 49 | 89 | 130 | 173 |
| Communication Interface | | RS232 & USB | | | |
| OPERATING ENVIRONMENT | | | | | |
| Humidity | | 0 to 95% Relative Humidity(Non-condensing) | | | |
| Operating Temperature | | 0°C to 50°C | | | |
| Storage Temperature | | -15°C to 60°C | | | |