



Q-LS-ST BATTERY MODULE

CUSTOMIZABLE LARGE SCALE BATTERY MODULE

EXPANDABLE BACKUP POWER

The Q-LS-ST-A/B, Q-LS-ST-C/D (sliding tray) battery cabinets provide expandable backup. This proprietary technology allows easy access for service and maintenance.

When easy and safe access to UPQ/UPS batteries are needed, the Power Innovations' Q-LS Battery modules are the answer. The Patented slide tray battery system allows safe and easy access to the individual batteries. When a draw is opened, the string circuit is disabled. They high quality rail system provides easy and safe movement.

Why the Q-LS Series is superior:



Highest Quality

Designed specifically to work with the Q-LS high-resolution sine wave output



Customizable

Add modules to meet your backup time needs



Most Reliable

Extended battery life and performance



Fully Integrated

Modular slide tray design for easy battery access - No assembly required

AMPERAGES AND RATINGS

| | Q-LS™ Internal Battery Module | Q-LSA/Q-LSA-ST™ (Single Wide) | Q-LSB/Q-LSB-ST™ (Single Wide) | Q-LSC/Q-LSC-ST™ (Double Wide) | Q-LSD/Q-LSD-ST™ (Double Wide) | Q-LSE-ST™ (Double Wide) |
|--------------------------|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------|
| Battery Amperage Rating | 7.2 Ah | 26 Ah | | 88 Ah | 100 Ah | 125 Ah |
| DC Voltage | 348 VDC (nominal); 390 VDC (float) | | | | | |
| Recharge Time | 43 | 87 | 130 | 174 | 218 | 260 |
| Battery Charger | 130 | 260 | 390 | 520 | 650 | NA |
| Boost Charge | 220/380/460 VΔ -- 208/380/400/415/480 VY | | | | | |
| Float Charge | 220/240/120 V, 1p2w or 1p3w | | | | | NA |
| Battery-low Voltage | 50, 60, or 400 Hz | | | | | |
| Battery-low Stop Voltage | ± 2.5 Hz of the input frequency | | | | | |
| Hot-swappable | ± 2.5 Hz | | | | | |

BATTERY BACKUP TIMES PER Q-LS USING STANDARD CSB BATTERIES

| | Q-LSA/Q-LSA-ST™ (Single Wide) | Q-LSB/Q-LSB-ST™ (Single Wide) | Q-LSC/Q-LSC-ST™ (Double Wide) | Q-LSD/Q-LSD-ST™ (Double Wide) | Q-LSE-ST™ (Double Wide) |
|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------|
| Backup Time At Full Load | | | | | |
| Q-LS 10 kVA | 47 min | 113 min | 169 min | 180 - 240 min | |
| Q-LS 20 kVA | 16 min | 47 min | 70 min | 101 min | 140 min |
| Q-LS 30 kVA | 8 min | 26 min | 42 min | 58 min | 75 min |
| Q-LS 40 kVA | NA | 16 min | 27 min | 46 min | 70 min |
| Q-LS 50 kVA | NA | 11 min | 22 min | 30 min | 36 min |
| Q-LS 60 kVA | NA | NA | 17 min | 25 min | 34 min |
| Q-LS 80 kVA | NA | NA | 9 min (2 Qty-27 min) | 15 min | 25 min |
| Q-LS 100 kVA | NA | NA | 6 min (2 Qty-22 min) | 12 min | 30 min |
| Q-LS 120 kVA | NA | NA | (2 Qty) 17 min | 9 min | |
| Q-LS 160 kVA | NA | NA | (3 Qty) 20 min | 5 min | |
| Q-LS 240 kVA | NA | NA | (4 Qty) 17 min | (3 Qty) 15 min | |
| Q-LS 320 kVA | NA | NA | (5 Qty) 15 min | (4 Qty) 15 min | |
| Q-LS 500 kVA | NA | NA | (8 Qty) 16 min | (6 Qty) 15 min | |

PHYSICAL

| | Q-LS™ Internal Battery Module | Q-LSA/Q-LSA-ST™ (Single Wide) | Q-LSB/Q-LSB-ST™ (Single Wide) | Q-LSC/Q-LSC-ST™ (Double Wide) | Q-LSD/Q-LSD-ST™ (Double Wide) | Q-LSE-ST™ (Double Wide) |
|-----------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------|
| W x D x H (in.) | Varies | 21.5 x 32 x 63 | | 43.5 x 32 x 63 | | 43.5 x 32 x 69 |
| W x D x H (mm) | Varies | 546 x 813 x 1600 | | 1104.9 x 813 x 1600 | | 1105 x 813 x 1752 |
| Weight (Lbs.¹) | 330.6 | 1082 | 2165 | 3175 | 3300 | 3590 |
| Weight (Kg.¹) | 150 | 491 | 982 | 1440 | 1496 | 1629 |

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Specializing in custom, critical, rugged and renewable power applications, we deliver the highest quality uninterruptible power solutions for homes, businesses, and governments worldwide.



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