



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 drawer is opened, the string circuit is disabled. The 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-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	26 Ah	26 Ah	88 Ah	100 Ah	125 Ah
DC Voltage	348 VDC (nominal); 390 VDC (float)				
Recharge Time	Up to 10 hrs				
Battery Charger	390 VDC				
Boost Charge	402 VDC ~ 410 VDC				
Float Charge	390 VDC				NA
Battery-low Voltage	320 VDC				
Battery-low Stop Voltage	295 VDC				
Hot-swappable	Yes				

BATTERY BACKUP TIMES PER Q-LS USING STANDARD CSB BATTERIES*

*NOTE: Battery backup times are estimated and may vary with age and ambient temperature

	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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