



# Luminary-407

## Features

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Protection level of IP54 to meet the requirements of outdoor applications. Support optional corrosion level. Alternative fire suppression system for different market



Optional cell with super-long cycling up to 12,000 cycles  
Integrated frequency conversion liquid-cooling system, with cell temperature difference limited to 3°C



Modular design, compatible with 600 - 1,500V system  
Separate arrangement of electrical room and battery room for convenient maintenance



Model		QA-C-D-LV-P0050E0060-51	
DC Data			
Cell	306 Ah/3.2 V		
Type	LFP		
C-Rate	≤0.5P		
Configuration	416S1P		
Rated Voltage	1331.2V		
Rated Voltage Range	1040~1500V		
Rated Capacity	407.3 kWh		
General Data			
Dimensions (L*W*H)	1345*1390*2350mm		
Product Weight	3515kg	3650kg	
Cooling Type	Liquid cooling		
IP Rating	IP54		
Anti-Corrosion	C4 (C5 Optional)		
Working Temperature	-25~55℃		
Relative Humindity	0~95% (non-condensing)		
Operating Altitude	≤ 4000 m		
Fire Suppression System	Smoke detector and heat detector (Or heat detector and gas detector), Aerosol, Dry pipe (optional)		
Communication Interfaces	RS485/Ethernet		
Certification	IEC 62619, UL 1973, IEC 62477-1, UN38.3, UL9540A		