



Luminary-4070

Features

10000+ battery life cycles

- Best-in-class cells
- Exceptional thermal management
- Largest cooling capacity
- Accurate precise BMS

99.1% - High availability

- Independent battery clusters
- No throttling

257 kWh/m²

- High energy density

10+ combination of PCS and Battery configurations



Model		QA-L20HV-P2035E4070					
DC Data							
Cell	306 Ah/3.2 V						
Type	LFP						
C-Rate	≤0.5P						
Configuration	416S10P						
Rate Voltage	1331.2 V						
Rate VoltageRange	1164.8~1497.6 V						
Rated Capacity	5 RACKs	6 RACKs	7 RACKs	8 RACKs	9 RACKs	10 RACKs	
	2035 kWh	2442 kWh	2849 kWh	3256 kWh	3663 kWh	4070kWh	
General Data							
Dimensions (L*W*H)	6058*2438*2896 mm						
Net Weight	≤35T						
Cooling Type	Liquid cooling						
IP Level	IP55						
Anti-Corrosion	C3/(C4/C5 Optional)						
Working Temperature	-25~55°C						
Relative Humidity	0%~95%(non-condensing)						
Operating Altitude(m)	4000 m (>3000 m derating)						
Fire Supression System	PACK level detection, PERFLUORO, Aerosol, Water Fire Suppression						
Communication Interfaces	RS485/Ethernet						
Certification	IEC62619, IEC62477, IEC/EN61000-6-2/4, UN38.3, UL9540A , etc.						