



Luminary-3790

Features

10000+ battery life cycles

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

257 kWh/m²

- High energy density

99.1% - High availability

- Independent battery clusters
- No throttling

10+ combination of PCS and
Battery configurations



Model	QA-L20HV-P3790E3790					
DC Data						
Cell	285 Ah/3.2 V					
Type	LFP					
C-Rate	1P					
Configuration	416S10P					
Rate Voltage	1331.2 V					
Rate Voltage Range	1164.8~1497.6 V					
Rated Capacity	5 RACKs	6 RACKs	7 RACKs	8 RACKs	9 RACKs	10 RACKs
	1895 kWh	2274 kWh	2653kWh	3032 kWh	3411 kWh	3790kWh
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.					