



# Luminary - 233

## C&I Solution

### Features:

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#### CompactInte Gration

Compact design with an Energy density up to  $165\text{kWh/m}^2$



#### Intelligent Control

Intelligent liquid cooling system, pack level temperature different  $\leq 3^\circ\text{C}$



#### Safe and Reliable

Pack level gaseous fire suppression, rack level fire sprinkler and thermal runaway suppression



#### Flexible Deployment

Support stand-alone and parallel operation. Plug-and-Play (PnP) installation



Model	QA-LDLV-P0100E023301
DC	
Cell	280 Ah / 3.2 V
Type	LFP
C-Rate	≤0.5C
Rate Voltage	832 V
Rate Voltage Range	728 V - 936 V
Rated Capacity	233 kwh
AC	
Rated AC Power	100 kW
AC Connnection	3P3W / 3P4W
Rated Output Voltage	400 Vac
Rated Output Voltage Range	-15% ~ 10%
Rated Qutput Frequency	50 Hz / 60 Hz
Power factor	0.981 (Rated output power)
Adjustable range of PF	-1 ~ 1
THD Current	<3%
General	
Dimensions (L*W*H)	1030 mm * 1365 mm * 2350 mm
Cooling Type	Liquid cooling
IP Level	Battery cabinet IP55, Electrical cabinet IP54
Anti-Corrosion	C4 (C5 optional)
Working Temperature	-25°C ~ 55°C
Relative Humidity	0% ~ 95% (non-condensing)
Operating Atitude (m)	4000 (>3000 derating)
Fire Protection System	PACK level detection, PERFLUORO Cabinet level water suppression Exhaust Pressure Relief
Communication Interfaces	RS485/Ethernet
Certifications	IEC62619, IEC62477, IEC/EN61000-6-2/4, UN38.3, UL9540A, etc