



Luminary-3440

Features



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



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



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



PCS string-setup and centralized bidirectional architecture, compatible with 1P and 0.5P multi-scenario configurations.



| Datasheet | |
|--------------------------|--|
| Model | QA-L20HV-P3440E3440 |
| DC | |
| Cell | 280Ah/3.2V |
| Type | LFP |
| C-Rate | $\leq 1\text{P}$ |
| Configuration | 384S10P |
| Rate voltage 832V | 1228.8V |
| Rate voltage range | 1075.2~1382.4V DC |
| Rated capacity | 3.44MWh |
| General | |
| Dimensions (L*W*H) | 6058mm*2438mm*2896mm |
| Net Weight | $\approx 34\text{T}$ |
| Cooling Type | Liquid cooling |
| IP Level | IP55 |
| Anti-Corrosion | Anti-corrosion C4 (C5 optional) |
| Working Temperature | $-35^{\circ}\text{C}\sim 55^{\circ}\text{C}$ |
| Relative humidity | 0%~95%(non-condensing) |
| Operating altitude (m) | 4000 (>3000 derating) |
| Fire Protection System | PACK level detection, PERFLUORO, AerosolWater Fire Suppression |
| Communication Interfaces | RS485/Ethernet |
| Certification | IEC62619, IEC62477, IEC/EN61000-6-2/4, UN38.3, UL9540A etc. |