

Liquid Cooling Battery

CE166280-L-H



Product Features

- 30% higher energy density than air cooling system, decrease installation area
- Smart liquid cooling temperature control system, decrease 20% auxiliary power supply, save operation cost
- IP65 dual firefighting and anti-explosion design
- Low-temperature difference to 3°C, extend battery lifetime
- Realtime battery state monitoring, dynamic adjustment of energy management strategy

Technical Data

Model	CE166280-L-H	
Cell Capacity (Ah)	280	
Nominal Voltage (V)	166.4	
Nominal Energy (Wh)	46,592	
Usable Energy (Wh)	41,933	
Operation Voltage Range (V)	135.2-187.2	
Standard Charge Current (A)	140	
Standard Discharge Current (A)	140	
Max. Charge Current (A)	140	
Max. Discharge Current (A)	140	
Temperature Range	Charge Temperature: 0-55°C Discharge Temperature: -20-55°C	
Operation Humidity	20-95%RH (No condensing)	
Protection Degree	IP65	
Dimension (mm)	808W×1172D×242H	
Net Weight (kg)	350	
Certification	CE, UN38.3	
Battery Rack		
Connection Series	IP52S×8	
Nominal Voltage (V)	1331	
Nominal Energy (kWh)	372.7	
Usable Energy (kWh)	335.5	
Operation Voltage Range (V)	1081.6-1487.6@(0-55°C)	
Standard Charge Current (A)	140	
Standard Discharge Current (A)	140	
Max. Charge Current (A)	140	
Max. Discharge Current (A)	140	
Dimension (mm)	925W×1180D×2390H	
Approximate Weight (kg)	3,000	
Life Cycles	6,000 cycles@80% DoD	
Warranty	5 years	