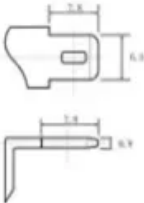

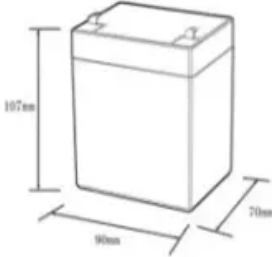


EQACC SOLAR

Ventilation device inside the battery cabinet



12.8V6Ah

Nominal voltage (V):12.8
Nominal capacity (ah):6
Rated energy (WH):76.8
Maximum charging voltage (V):14.6
Maximum charging current (a):6
Floating charge voltage (V):13.6~13.8
Maximum continuous discharge current (a):10
Maximum peak discharge current @10 seconds (a):20
Maximum load power (W):100
Discharge cut-off voltage (V):10.8
Charging temperature (°C):0~+50
Discharge temperature (°C): -20~+60
Working humidity: <95% R.H (non condensing)
Number of cycles (25 °C, 0.5c, 100%dod): >2000
Cell combination mode: 32700-4s1p
Terminal specification: T2 (6.3mm)
Protection grade: IP65
Overall dimension (mm):90*70*107mm
Reference weight (kg):0.7
Certification: un38.3/msds



Overview

How does battery room ventilation work?

Battery Room Ventilation Requirements While charging, batteries used in data centers emit hydrogen gas. This gas, which is lighter than oxygen, rises to the highest point within the room.

Can a battery room be ventilated?

Energy recovery ventilators (ERVs) using an enthalpy core have proven effective for ventilating battery rooms. Before deciding on a solution, consider the relevant standards and local codes. Battery Room Ventilation Requirements While charging, batteries used in data centers emit hydrogen gas.

Can a data center battery room be ventilated?

While numerous HVAC solutions for ventilating a data center battery room are possible, an ERV with enthalpy core is a space-efficient technology that provides continuous ventilation and energy recapture to reduce the building's cooling load. The MiniCore also features direct drive fans and Vari-Green® electronically commutated motors.

Do existing battery rooms have ventilation vulnerabilities?

A case study involving six existing battery rooms has been performed to investigate design vulnerabilities and identify knowledge gaps with respect to ventilation and other active fire protection measures. Results from the mapping indicate large differences in the design of ventilation systems and strategies implemented in existing battery rooms.

Ventilation device inside the battery cabinet



How to Ventilate Home Battery Rooms for Safer Operation

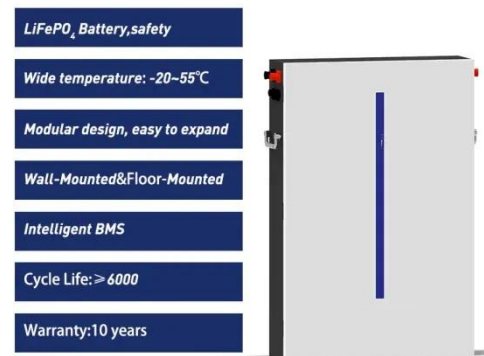
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H2Vent(TM) Hydrogen Venting , Zomeworks Corporation

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Energy Recovery for Battery Room Ventilation , Greenheck

...

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Case study of ventilation solutions and strategies for Li

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