



Solar battery cabinet cooling device





Overview

This air conditioner delivers 500W of precise cooling capacity, ideal for small-to-medium telecom cabinets, lithium battery cabinets, edge computing nodes, and IoT infrastructure housings. It supports both DC and AC input, ensuring compatibility with various solar and. The SelfChill outdoor battery cool box offers reliable protection for batteries or electrical devices from high ambient temperatures and external influences. It can be equipped with one or two high-efficiency vapor compression cooling units (CU), which can be powered directly from PV panels or an. Battery energy storage systems (BESS) ensure a steady supply of lower-cost power for commercial and residential needs, decrease our collective dependency on fossil fuels, and reduce carbon emissions for a cleaner environment. The commercial and industrial (C & I) system integrates core parts such as the battery units, PCS, fire extinguishing system. SolaX C&I Energy Storage System is a high-efficiency solution for commercial and industrial use, offering both liquid and air cooling for optimal performance. Each battery cabinet includes an IP56 battery rack system, battery management system (BMS), fire suppression system (FSS).



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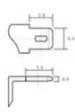
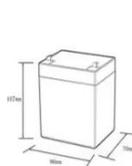


[Commercial Energy Storage System , Liquid & Air Cooling Solar Battery](#)

We offer distributed and centralized storage systems for air and liquid cooling to meet the requirements of different applications. Applications range include hotels, parking lots, industrial parks and other ...

Efficient Liquid Cooling Battery Cabinet

The sophisticated energy solutions they provide are designed for seamless integration and optimal energy retention. Housing these advanced modules within a Liquid Cooling Battery ...



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):	-20 ~ +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:	32700-4(1P)
Terminal specification:	T2 (6.3mm)
Protection grade:	IP65
Overall dimension (mm):	90*70*107mm
Reference weight (kg):	0.7
Certification:	UN38.3/MSDS

[Battery Energy Storage System Cooling Solutions , Kooltronic](#)

Kooltronic offers innovative cooling solutions for battery cabinets and electrical enclosures used in renewable energy storage systems. Click to learn more.

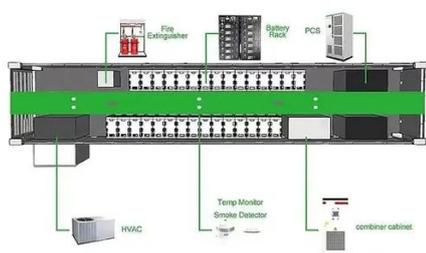
[Optimized solar cooling for Batteries , SelfChill Technology](#)

Ensure the longevity and performance of your batteries with SelfChill's efficient solar cooling battery solutions.



Commercial and Industrial (C& I) ESS Energy Storage Systems

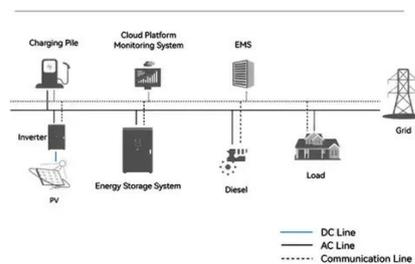
Equipped with high-performance LFP batteries, SolaX C& I ESS offers an extended cycle life and stable performance. The intelligent liquid cooling thermal management technology effectively regulates ...



373kWh Liquid Cooled Energy Storage System

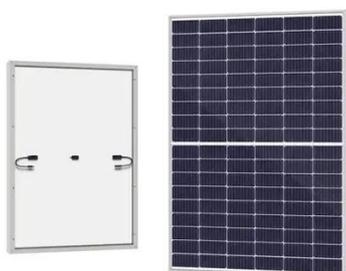
Utilizing Tier 1 LFP battery cells, each battery cabinet is designed for an install friendly plug-and-play commissioning with easier maintenance capabilities. Each outdoor cabinet is IP56 constructed in a ...

System Topology



Solar Battery Cabinet Equipment Enclosures for on-grid or off-grid

Climate controlled products such as air conditioners, heat exchanger, or TEC coolers are installed on outdoor battery cabinet for keeping a stable temperature inside cabinet so as to increase service life ...



Efficient 500W DC/AC Cabinet Air Conditioner for Solar



Widely used in 5G micro-stations, solar monitoring boxes, battery energy storage systems (BESS), and unmanned telecom sites, this 500W air conditioner offers long-term stability, minimal maintenance, ...



[20-foot Air-cooled cabinet C& I solar power storage systems](#)

Our 20-foot Air-cooled cabinet C& I solar power storage systems feature a revolutionary Battery Modular design and distributed cooling system. This means better temperature control, ensuring your ...

[125kW All-in-One Liquid-Cooled Solar Energy Storage System](#)

This 125kW all-in-one liquid-cooled solar energy storage system integrates high-performance lithium batteries, inverter, and energy management into a single unit, ensuring stable operation and optimal ...





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