

Huawei solar container lithium battery Dedicated Inverter





Overview

Huawei's FusionSolar 9.0 is a new integrated solar-plus-storage platform featuring smart inverters, AI-driven management, and grid-forming capabilities to turn solar plants into active grid-support assets. Are Huawei inverters battery-ready?

Yes, all Huawei residential inverters (SUN2000-L1 and M1 series) are battery-ready and support plug-and-play integration with LUNA2000 battery systems. You can add batteries years after the initial installation without requiring additional hardware or inverter replacement.

What is Huawei solar inverter?

The Huawei solar inverter has emerged as a dominant force in the global solar market, representing one of the most sophisticated and reliable inverter solutions available in 2025.

Which battery is compatible with the Huawei sun2000 inverter?

The new Huawei LUNA2000 Lithium Battery 10kWh+BMS. This high-voltage battery will be compatible with a wide variety of self-consumption inverters on the market, but its use with the new Huawei SUN2000 single-phase inverters, all L1 and M1 models, is especially interesting. Huawei LUNA2000 Huawei LUNA Installation Guide Huawei LUNA2000 Manual EN.

Which solar inverter is compatible with luna2000 Huawei battery system?

The SUN2000-L1 series ranges from 2kW to 6kW and features 'dual MPPTs' with a wide operating voltage range of 120V to 600V. Like the first-generation inverter, the new FusionSolar SUN2000-L1 series is a hybrid or battery-ready inverter compatible with the LUNA2000 Huawei battery system described in detail below.



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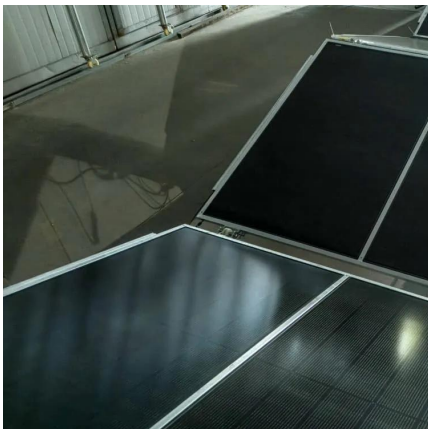


[Utility Products List . HUAWEI Smart PV Global](#)

Utility Products List covers all Utility Products, including inverters, energy storage, optimizers, controllers and other Utility Products photovoltaic-related product series.

[Energy Storage System Products List . HUAWEI Smart PV ...](#)

Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.

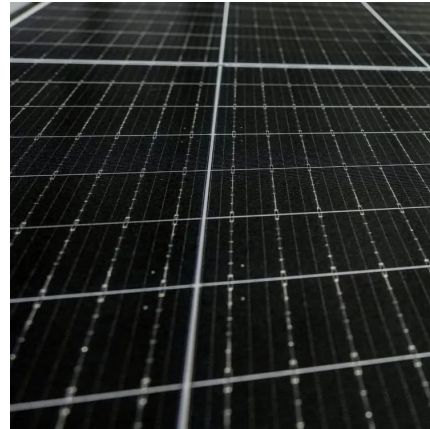


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All Huawei storage solutions are based on safe lithium iron phosphate (LFP) technology and can be optimally combined with the FusionSolar ecosystem - including inverters, optimisers and ...



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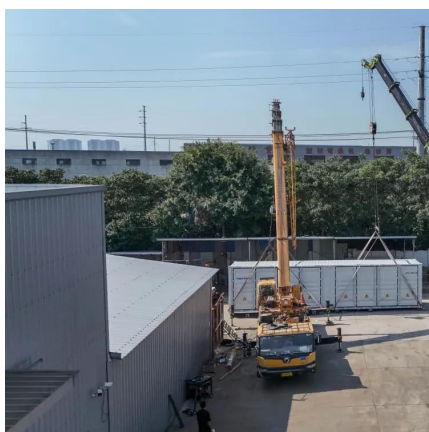
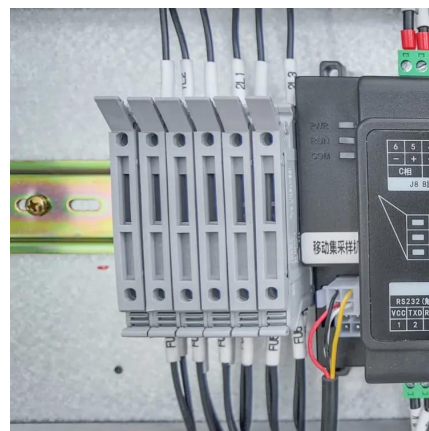


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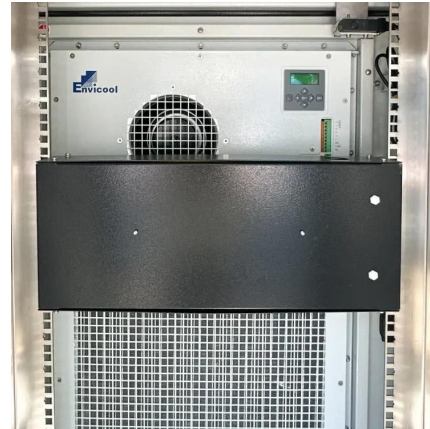
[LUNA2000-5-10-15-S0 . Smart String Energy Storage System , HUAWEI ...](#)

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