



# Sigenstor datasheet Palau

What is sigenstor & how does it work?

SigenStor is a 5-in-1 home energy system. It incorporates an energy controller with integrated PV inverter, a battery PCS (power conversion system), an EV (electric vehicle) DC bi-directional charger, an EMS (energy management system), and the battery modules. SigenStor is a 5-in-1 home energy system.

What are the test conditions for sigenstor bat 8.0?

Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life. 2. The data in the table is based on the combination of SigenStor BAT 8.0 and SigenStor EC three-phase as an example, with a ground-mounted installation. Disclaimer: The information in this file is provided on an "as is" basis.

How does sigenstor V2X work?

Pioneering V2X. With SigenStor DC-coupled charging module, you can harness the power of the sun and directly charge your EV with clean solar energy. Moreover, it will allow you to tap into the power of your EV. Whether to help power your home during an outage or to share energy with the grid, the choice is yours.

How many batteries can be added to sigenstor?

Since the elements are stackable, SigenStor's capacity can be increased by adding more battery modules (up to 6). Such 'stack' can have a total capacity between 30 kWh and 48 kWh (depending on whether you add 6 batteries of 5 kWh or 8 kWh capacity).

How many sigenstors can be connected in parallel?

Additionally, for commercial applications, multiple SigenStors can be connected in parallel (a maximum of 30 stacks) for a maximum capacity of 1,44 MWh. The minimum configuration requires an energy controller with integrated PV inverter and one battery pack (5 kWh or 8 kWh).

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Système 5-en-1 SIGENSTOR tout intégré Installation ultra simple & rapide. Disponible en monophasé de 3 & 6 KVA, et triphasé, de 5 & 25 KVA. Garantie de performance de 10 ans. ...

An IMPORTANT NOTICE at the end of this data sheet addresses availability, warranty, changes, use in safety-critical applications, intellectual property matters and other important disclaimers. ...



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