

Huawei Energy Storage Power Station Control Mode





Overview

How do I set a power limit on a smart PCs?

Set the parameters for active power control and click Submit. If this parameter is set to No limit, the device operates at full load, and the Smart PCS limits the power based on the energy storage control policy. When setting this function, ensure that the user-defined DI port is not occupied. Otherwise, the setting will fail.

How do I control the maximum output power of a device?

Set this parameter to Percentage fixed-value limitation (open loop) to control the maximum output power of the devices by time segment. If the device is required to run with specified maximum power in certain periods of a day, add records based on site requirements.

How to disable battery discharge based on the discharge power set?

Disable: Batteries discharge based on the discharge power set on the GUI. Set the battery discharge power during the discharge period. Choose Settings > Battery Settings to set power allocation. You can set this parameter in SmartLogger V300R023C10SPC550 and later versions.

What is tou (fixed power) mode?

TOU (fixed power) This mode applies to the ESS-only system where electricity prices at peak and off-peak hours are different and power meters are unavailable. You can manually set the charge and discharge time segments.



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On-grid/Off-grid (VSG)

Set MGCC Mode to Enable. This parameter can be modified only under Deployment Wizard > Microgrid > Microgrid. Set Microgrid scenario to On-grid/Off-grid (VSG). This parameter can be ...

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GitHub

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[Battery Control Parameters](#)

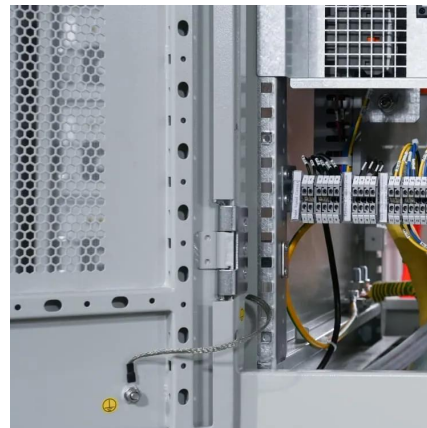
Capacity Control Parameters (Peak Shaving) The Peak Shaving function can reduce the maximum peak power obtained from the grid during peak hours by configuring the power ...





[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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[Setting Battery Control Parameters](#)

Capacity Control In SmartLogger V300R023C10SPC550 and later versions, Capacity Control is displayed and can be set only in energy storage scenarios. Choose Settings > Battery Settings ...



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Huawei works with ecosystem partners to provide power companies with scenario-based solutions, including power broadband operations, multi-station integration, smart zero-carbon ...



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