

Clearing outdoor communication power supply BESS

Do Bess products need an external power supply?

Most BESS products on the market require an external power supply circuit for their auxiliary loads, although some have built-in circuits and do not need an external supply.

What is Bess & apex Energy Monitoring portal?

Suitable for a wide range of mobile communications applications including off-grid, emergency backup power, energy stabilisation and frequency response. Designed to be 'plug and play', BESS ensures swift installation and provides peace of mind. Apex Energy monitoring portal helps customers to keep an eye on multiple systems from a single location.

How much power does a Bess have?

The system is built of two main blocks. The PCS building block, responsible for the main control of the mobile BESS. The nominal power rating of the PCS block is 225 kVA, with a maximum peak power in the peak shaving mode of 275 kW. The second block is the modular battery pack.

Why should you choose a Bess energy storage system?

The mobility and flexibility of the system enables novel applications and deployments where BESS previously were unused due to the non-flexible solutions. The system is modular, meaning that the energy storage capacity can be quickly adapted depending on the application case, in contrast to larger and bulkier solutions.

Do I need backup power for a Bess auxiliary load?

For certain projects, backup power must be provided for the BESS auxiliary load as required by the BESS supplier or fire codes. Some BESS suppliers mandate uninterrupted power to maintain the operation of thermal management systems, ensuring battery temperatures remain within desired limits to minimize degradation.

What auxiliary loads are needed for a Bess project?

Fire safety systems, such as fire alarms, control panels and gas ventilation systems (if present). These auxiliary loads are essential for ensuring the safe and efficient operation of BESS projects. Therefore, providing a reliable power supply for these auxiliary loads is crucial.

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