

Solar container battery factory floor area ratio requirements





Overview

What is the required battery storage system size?

The required battery storage system size is based on the solar PV system size determined for building types listed in Table 140.10-B, including mixed-occupancy buildings. The total capacities of a battery storage system shall be no less than those calculated from the equations above.

Can nonresidential buildings be excluded from battery storage requirements?

Yes. Four exceptions can exclude nonresidential buildings from the battery storage system requirements: Single-tenant buildings with < 5,000 square feet of conditioned floor area (CFA). For multi-tenant buildings, the battery storage system energy and power capacities are based on tenant spaces > 5,000 square feet of CFA.

Does a battery storage system need a rated usable energy capacity?

No. For compliance with the Energy Code the rated usable energy capacity of the battery storage system in kWh must be used for Equation 140.10-B - PDF. The usable capacity is the battery energy storage capacity in kWh that a manufacturer allows to be used for charging and discharging.

Can a battery storage system be used as a standalone system?

A battery storage system can be installed as a standalone system for additional compliance credit, when not required prescriptively. Also, a battery system larger than the prescriptive requirement can be used to tradeoff for a smaller solar PV system. Are There Exceptions?

Yes.



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