

What is required working space in and around the energy storage system?

The required working spaces in and around the energy storage system must also comply with 110.26. Working space is measured from the edge of the ESS modules, battery cabinets, racks, or trays.

Where should a top terminal battery be installed?

Where top terminal batteries are installed on tiered racks or on shelves of battery cabinets, working space in accordance with the storage equipment manufacturer's instructions has to be provided between the highest point on a storage system component and the row, shelf, or ceiling above that point.

What is an energy storage system?

An energy storage system consisting of batteries installed at a single-family dwelling inside a garage. Article 706 is primarily the result of the work developed by a 79-member Direct Current (DC) Task Group formed by the NEC Correlating Committee.

Are energy storage systems connected to other energy sources?

Energy storage systems can be (and typically are) connected to other energy sources, such as the local utility distribution system. There may be one or more sources connected to an ESS. The connection to other energy sources is required to comply with the requirements of 705.12.

What is an example of an energy storage component?

An informational note at the introduction of Article 706 Part III states that an energy storage component, such as batteries, that is integrated into a larger piece of listed equipment, such as an uninterruptible power supply (UPS), is an example of components within a listed product.

Can pre-engineered and self-contained energy storage systems have working space?

Language found in the last paragraph at 706.10 (C) advises that pre-engineered and self-contained energy storage systems are permitted to have working space between components within the system in accordance with the manufacturer's recommendations and listing of the system.

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