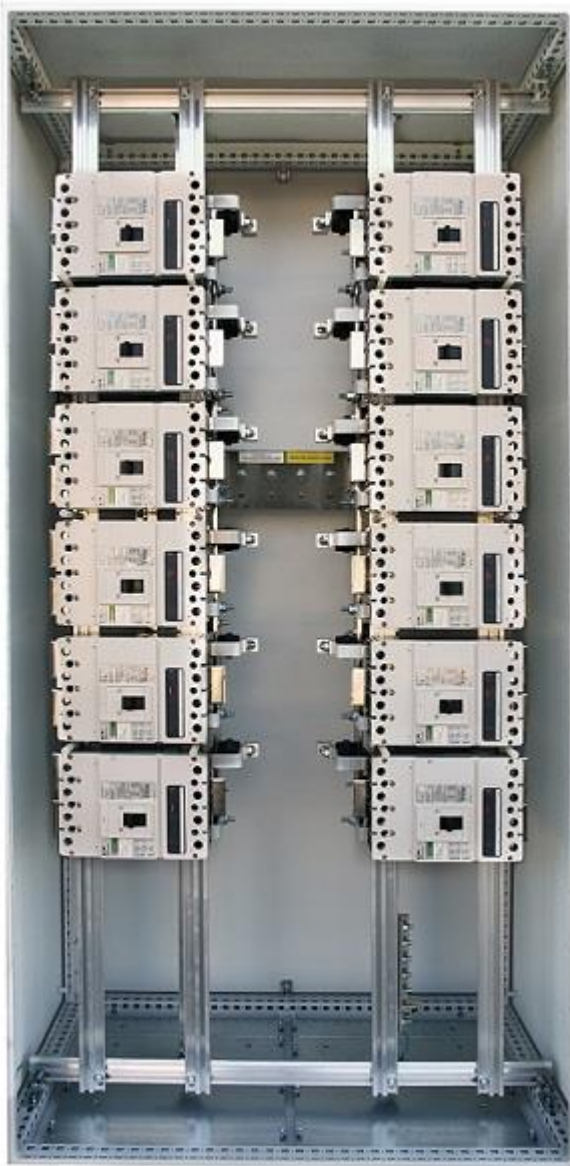


What is a combiner box in Solar Power plant?



The role of the combiner box is to bring the output of several solar strings together. Each string conductor lands on a fuse terminal and the output of the fused inputs are combined onto a single conductor that connects the box to the inverter. This is a combiner box at its most basic, but once you have one in your solar project, there are additional features typically integrated into the box..

Disconnect switches, monitoring equipment and remote rapid shutdown devices are examples of additional equipment.

Solar combiner boxes also consolidate incoming power into one main feed that distributes to a solar inverter. Solar combiner boxes are engineered to provide overcurrent and overvoltage protection to enhance inverter protection and reliability..

The combiner box should reside between the solar modules and inverter. When optimally positioned in the array, it can limit power loss. Position can also be important to price Little maintenance is required for combiner boxes.

