

ContainerPower Energy Solutions

175kw medium voltage inverter



Overview

How many inverters can be connected to the mVCs?

The solution allows to connect up to 36 inverters for a maximum power of 6.7MVA. The MVCS includes an optimized MV oil-immersed transformer, MV gas-insulated switchgear, all necessary LV protections and connections to attach the solar array and a set of available auxiliary services with independent auxiliary power.

Which string inverter has the highest power density?

The award winning three-phase PVS-175 string inverter, with the largest high power density within the 1500 Vdc segment, delivers up to 185 kVA at 800 Vac and can achieve an ultra-high power density of 1.3 kW/kg.

How many MPPT does a PV inverter have?

The inverter comes equipped with 12 MPPT, the highest available in the market, assuring maximum PV plant design flexibility and increasing yields also in case of complex installations.

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