

SolarMax Energy Systems

Single-phase inverter vector control



Overview

In this paper, a vector control based on the extended equivalent circuit and virtual circuits is proposed for the single-phase inverter. By the extended circuit, the other two phase voltages can be extended by the output voltage of the inverter so as to construct the voltage vector.

Single-phase inverter vector control



Enhanced dq current control for single-phase voltage-source inverters

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A vector control based on the extended equivalent circuit and virtual circuits is proposed for the single-phase inverter. By the extended circuit, the other two.

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CSM_Inverter_TG_E_1_1

Vector Control Vector control is used to correct the output waveform according to the voltage and current output from the inverter to an induction motor. The motor speed and output torque are ...

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Battery Cabinet

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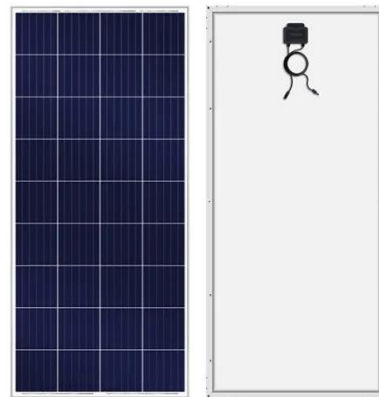


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ENERGY STORAGE SYSTEM

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW 115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled



Enhanced dq current control for single-phase voltage-source inverters

Based on this structure, the dq -axes



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