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Three-phase grid-connected inverter repetitive control

Overview

This paper discusses the design of a repetitive feedback controller for a grid-connected two-level three-phase voltage-source inverter connected between a DC source and the grid through an LCL filter.

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Modified repetitive control based on comb filters for harmonics ...

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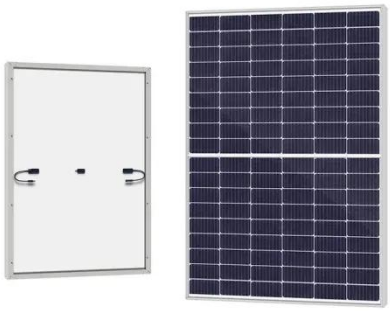

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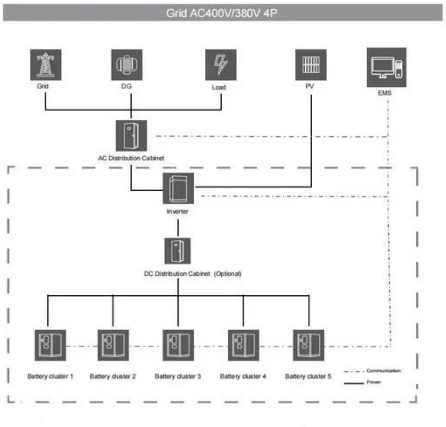

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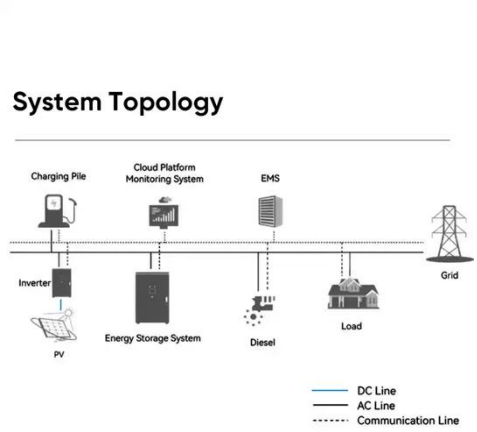
PI_ Repeated Control of Three-phase Grid-Connected Inverter



This paper presents mathematical modeling procedure of three-phase grid-connected photovoltaic inverter. Presents synchronous PI current control strategy and the ...

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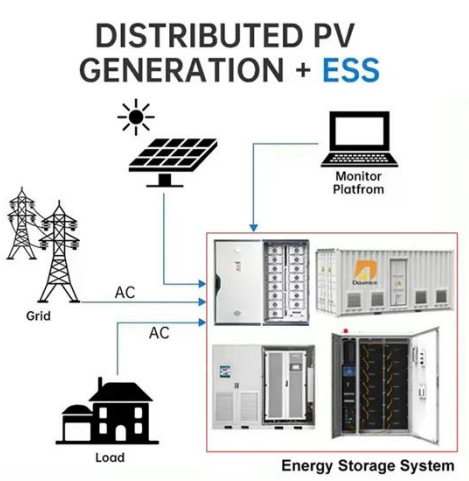

The Second-Order 6k±1-Order Repetitive Control for Three-Phase Grid

The conventional repetitive control (CRC) cannot obtain ideal control performance when a large number of renewable energy are connected to the new power system.

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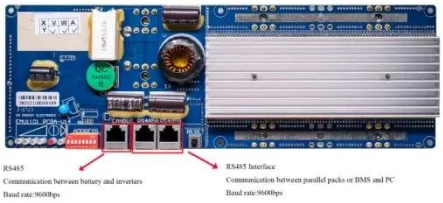

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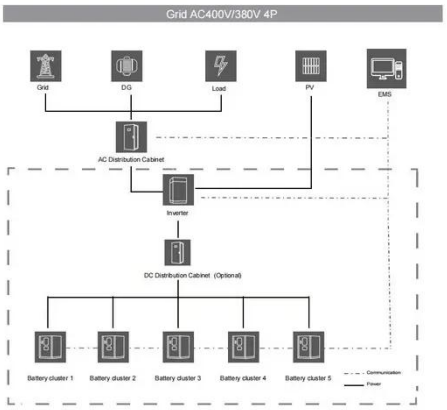
A Full-ANN Control Method of Three-Phase Grid-Connected Inverter

To break free from the confines of the d-q control framework and traditional control techniques, such as phase-locked loop, as well as proportional-integral/pro



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Design and Control of a Grid-Connected Interleaved Inverter

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For such scenarios, a three-phase

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