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The paper presents new trends in the development photovoltaic (PV) power plants, with particular reference on new inverter concept with DC-link voltage over 1000 V. For the inverters with the ...

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on the reliability of SiC-MOSFET-based 1500-V PV inverters is first analyzed in this paper. The analysis is carried out through a case study on a 125-kW two-level PV inverter employing ...

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Keywords: Photovoltaic inverter; 1500V system; neu-tral point switch three-level inverter, T-type three-level inverter. I. INTRODUCTION Regulations and standards for PV plants have devel ...



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