

Cheng Yan's 8 research works with 64 citations and 190 reads, including: A Short-Circuit Fault-Tolerant Strategy for Three-Phase Four-Wire Flying Capacitor Three-Level Inverters

The effectiveness (i.e., reliability enhancement) of the proposed junction temperature control on the PV inverter reliability is demonstrated on a 60-kW three-level 1500 ...

A new control strategy for three-phase grid-connected inverter (GCI) of photovoltaic generation system (PVGS) with LCL filter is proposed. Based on the non-linear 3rd-order model of the ...

based transformerless photovoltaic inverters with tri-direction clamping cell for leakage current elimination
ISSN 1755-4535 Received on 14th August 2015 ... Wuhua Li1, Xiangning He1, ...

Zhejiang University | ZJU ... Compared to DCM, BCM is a more flexible solution in the interleaved-flyback with grid-tied inverter for PV AC module application, due to its higher power level and ...

Compared to grid-following inverter control, the proposed grid-forming photovoltaic inverter system has the following characteristics: (1) hybrid energy storage ...

College of Electrical Engineering, Zhejiang University, Hangzhou 310027, People's Republic of China
E-mail: woohualee@zju .cn Abstract: The transformerless inverters with leakage ...

?ZJU100 Professor, Zhejiang University? - ??Cited by 18,613?? - ?Power Electronics? - ?Photovoltaic Systems? - ?Control of Power Converters? - ?Reliability? - ?Power Quality? ... Thermal performance ...

Photovoltaic (PV) energy has been a preferable choice with the rise in global energy demand, as it is a sustainable, efficient, and cost-effective source of energy. Optimizing the power ...

Photovoltaic (PV) energy has been a preferable choice with the rise in global energy demand, as it is a sustainable, efficient, and cost-effective source of energy. ...

College of Electrical Engineering, Zhejiang University, Hangzhou, People's Republic of China. Search for more papers by this author. Senjun Hu, Senjun Hu. ... Various solutions have been developed to suppress the leakage ...

?ZJU100 Professor, Zhejiang University? - ??Cited by 914?? - ?power electronics? ... Review of soft-switching topologies for single-phase photovoltaic inverters. Y Chen, D Xu. IEEE Transactions ...

02001 Control Strategy Based on PID Control in Photovoltaic Inverters Haoyu Ding¹, Yizhuo Gao^{2,*}
¹Electricity Information Engineering Institute, Changzhou Institute of Technology, ...

Photovoltaic Inverters Yongheng Yang College of Electrical Engineering Zhejiang University Hangzhou, China yang_yh@zju.cn Yi Xiao College of Electrical Engineering Zhejiang ...

College of Electrical Engineering, Zhejiang University, Hangzhou, 310027 People's Republic of China.
Search for more papers by this author. Haoze Luo, Haoze Luo. ...

Compared to DCM, BCM is a more flexible solution in the interleaved-flyback with grid-tied inverter for PV AC module application, due to its higher power level and larger switching frequency ...

Web: <https://www.sailesindustrialmachinery.co.za>