

Declaration

Product: **Deye Inverter**

Name and address of the manufacturer: NingBo Deye Inverter Technology Co.,Ltd. NO.26 SOUTHERN YONGJIANG ROAD,BEILUN,NINGBO CHINA.

Deye confirms herewith that an all-current-sensitive residual-current monitoring unit (RCMU) is integrated in the devices,The RCMU monitors AC and DC residual currents.The inverters meet the requirements specified in DIN VDE 0100-712 and IEC 60364-7-712 that they are not able to feed in DC residual currents due to their design.

For all inverters, sudden changes in residual current $\geq 30\text{mA}$ will cause inverter disconnect from grid, for inverter $\leq 30\text{kVA}$ slow rising residual current $\geq 300\text{mA}$ will cause inverter disconnect from grid (maximum 10mA per kVA of rated continuous output power for inverters with continuous output power rating $> 30\text{ kVA}$.). The inverters integrated with RCMD are certificated by testing according to VDE 0126-1-1 and IEC/EN 62109-2.

Some countries require inverters to install RCDs, Deye recommends using A-type RCDs with an operating current of 300mA, and when the continuous output power of the inverter is greater than 30KW, the RCD operating current must be greater than 10mA/kVA.



Bard Dai

Senior Standard and Certification Engineer

On behalf of NingBo Deye Inverter Technology Co.,Ltd.

December 3,2021

Place: NingBo, China