

# Declaration

Product: **Deye Inverter**

Name and address of the manufacturer: Ningbo Deye Inverter Technology Co., Ltd.  
No. 26 South YongJiang Road, Daqi, 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 RCMU 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.

**Nom et Titre / Name and Title:**

**Au nom de / On behalf of:**  
**Date / Date (yyyy-mm-dd):**  
**A / Place:**

Bard Dai  
Senior Standard and Certification Engineer

Ningbo Deye Inverter Technology Co., Ltd.  
2021-12-03  
Ningbo, China

