

RCD/RCM Information for Hoymiles Microinverter

We, **Hoymiles Power Electronics Inc.**, No.18 Kangjing Road, Hangzhou 310015, China, declare under our sole responsibility that array residual current detection/monitoring (RCD/RCM) is not applicable for our isolated microinverter as follows, to which this declaration relates.

PRODUCT: PV Microinverter

**MODEL: HMS-2000W-4T, HMS-1800W-4T, HMS-1600W-4T,
HMS-1000W-2T, HMS-900W-2T, HMS-800W-2T, HMS-700W-2T, HMS-600W-2T
HMS-500W-1T, HMS-450W-1T, HMS-400W-1T, HMS-350W-1T, HMS-300W-1T**

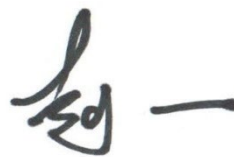
It is said in section 4.8.1 of IEC62109-2 that when the leakage current for both shock and fire hazards of the isolated inverter is lower than the specified limit in the "Minimum inverter isolation requirements", RCD/RCM is not needed.

LCIE China, the third-party certification body, has assessed Hoymiles microinverter with the standard IEC62109-2 that the leakage current of shock hazard in section 4.8.3.2 is far below the limit of 30mA, the leakage current of fire hazard in section 4.8.3.3 is far below the limit of 300mA. Thus, our microinverter meets the conditions mentioned in the above standard of IEC62109-2.

Therefore, RCD/RCM is not applicable for Hoymiles isolated microinverter.

This Declaration of Conformity is not valid any longer, in case, without any written authorization by Hoymiles Power Electronics Inc.:

- The product is modified, supplemented or changed in any other way
- The product is used or installed improperly.



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2023-11-09
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