

# MPPT RS 450/100 issue HQ2216-HQ2236



July 28th, 2023

The MPPT RS 450/100, batches HQ2216 up to and including HQ2236, show an excessive failure rate. The underlying cause was a temporary change in a component. Despite extensive bench testing when approving the change, field returns have shown that these batches do not meet our normal reliability standards.

The MPPT RS 450/200 is not affected.

The failure in question does not pose a safety concern. After the failure of the component, the PV output is shorted and the unit shows Error #200, DC Voltage Error.

We have decided to extend the warranty of said units to 10 years and make all affected units eligible for a free of charge replacement - even if not failed yet.

Whether it's best to replace a working unit for a newer one, or keep it installed, will depend on the situation. Further guidance on that, and many more details, are in [this tech note](#).

To conclude, please accept our apologies for this matter. Many urgent decisions have been made during the component crisis, the vast majority of which worked out very well; but this is a rather unfortunate one that does not. Our sincere apologies for this matter!

Matthijs Vader / CEO