

Huawei Guideline on Oversizing The Maximum Input Current (I_{mp}) per MPPT

Revision History Version 1.0 Oct 2022 - Initial release

Scope: Technical guideline on compatibility of inverters and PV modules with values of I_{mp} higher than the maximum working current for inverter inputs.

As the manufacturer, we hereby confirm that Huawei inverters can be installed with modules having higher I_{mp} than the maximum input current per MPPT of inverters, if correctly configured according to datasheet information and if short circuit current (I_{sc}) values are not exceeded.

If I_{mp} current is exceeded, then I_{mp} current is automatically limited by inverter's maximum input current value therefore using such modules will not impact the warranty provided by Huawei.

Huawei Product List
SUN600-5-6KTL-L0
SUN2000-2-6KTL-L1
SUN2000-3-12KTL-M1
SUN2000-8-20KTL-M2
SUN2000-12-25KTL-M5
SUN2000-20-40KTL-M3
SUN2000-50KTL-M3
SUN2000-50-60KTL-M0
SUN2000-100KTL-M0/M1/INM0
SUN2000-110-125KTL-M0

Tao Zhou

Huawei Technologies Co.,Ltd

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