



Product Service

Compliance Document

No. D 070122 0053 Rev. 00

Holder of Attestation: **SMA Solar Technology AG**

Sonnenallee 1
34266 Niestetal
GERMANY

Product: **PV inverter**
Solar Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the particular sample. This compliance document makes no statement regarding the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

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(Zhengdong Ma)



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Model(s): STP50-80,STP60-80

Parameters:

Model	STP50-80	STP60-80
Max. input voltage	1100 V	
MPPT voltage range	200, ...,1000 V	
Max. operating input current	5 × 40 A	
Max. short circuit current	5 × 50 A	
Nominal output voltage	3/N/PE,230/400 V	
Nominal output frequency	50/60 Hz	
Rated AC output active power	50000 W	60000 W
Max. AC output apparent power	50000 VA	60000 VA
Rated AC output current	72.5 A	86.6 A
Max. AC output current	79.5 A	95.3 A
Power factor range	-0.8, ..., 1, ..., +0.8	

**Tested
 according to:**

IEC 60068-2-1:2007
 IEC 60068-2-2:2007
 IEC 60068-2-14:2023
 IEC 60068-2-27:2008
 IEC 60068-2-30:2005
 IEC 60068-2-64:2008
 IEC 60068-2-64:2008/AMD1:2019
 IEC 60068-2-68:1994