



Product Service

# CERTIFICATE

No. B 070122 0010 Rev. 00

**Holder of Certificate:** **SMA Solar Technology AG**  
Sonnenallee 1  
34266 Niestetal  
GERMANY

**Certification Mark:**



**Product:** **Converter**  
**SUNNY TRIPOWER**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092001827-00

**Valid until:** 2025-06-15

**Date,** 2020-06-16

( Zhengdong Ma )



Product Service

# CERTIFICATE

No. B 070122 0010 Rev. 00

Model(s): STP 110-60

## Parameters:

V <sub>DC max</sub>	1100 V
V <sub>DC MPP</sub>	500 – 800 V
I <sub>DC max</sub>	12 x 26 A
I <sub>SC PV</sub>	12 x 40 A
V <sub>AC, r</sub>	3~, 400 V
f <sub>AC, r</sub>	50 Hz
P <sub>AC, r</sub>	110000 W
S <sub>max</sub>	110000 VA
I <sub>AC max</sub>	158,8 A
cos(φ):	0,8(overexcited)...1...0,8(underexcited)
Protective class:	I
Ingress protection:	IP66
Overvoltage category:	II(PV), III(Mains)

Tested according to: IEC 62109-1:2010  
EN 62109-1:2010  
IEC 62109-2:2011  
EN 62109-2:2011

Production Facility(ies): 106493