

Certificate of Conformity

No. ESY 070122 0041 Rev. 00

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

Sonnenallee 1
34266 Niestetal
GERMANY

Product: **PV inverter**

This Certificate of Conformity confirms the compliance with the above listed standards on a voluntary basis. It refers only to the sample submitted to TÜV SÜD Product Service GmbH and does not certify the quality or safety of the serial products. It was issued according to TÜV SÜD Product Service certification program Photovoltaics and Grid Integration. For details see: www.tuvsud.com/ps-cert

Test report no.: 713254379-009

Date, 2022-12-23



(Kristijan Cizmar)

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Model(s):
SUNNY TRIPOWER STP 25-50
SUNNY TRIPOWER STP 20-50
SUNNY TRIPOWER STP 15-50
SUNNY TRIPOWER STP 12-50

Parameters:

SUNNY TRIPOWER STP 25-50

Nominal active power / kW:	25
Nominal grid voltage (nominal frequency) / V_{P-P} (Hz)	400 (50)

SUNNY TRIPOWER STP 20-50

Nominal active power / kW:	20
Nominal grid voltage (nominal frequency) / V_{P-P} (Hz)	400 (50)

SUNNY TRIPOWER STP 15-50

Nominal active power / kW:	15
Nominal grid voltage (nominal frequency) / V_{P-P} (Hz)	400 (50)

SUNNY TRIPOWER STP 12-50

Nominal active power / kW:	12
Nominal grid voltage (nominal frequency) / V_{P-P} (Hz)	400 (50)

Remarks/CoA (e.g. nomenclature; conditions of acceptability):

Valid until: 2027-11-06

DIN VDE V 0126-1-1 (VDE V 0126-1-1):2013 refers to DIN VDE V 0126-1-1 (VDE V 0126-1-1):2013-08

Applicable standards:

DIN VDE V 0126-1-1 (VDE V 0126-1-1):2013
DIN VDE V 0126-1-1/A1 (VDE V 0126-1-1/A1):2012 (with
national deviation of France: DIN VDE 0126-1-1/A1 VFR 2019)

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Attachment to the certificate				
Characteristics				
Model(s):	SUNNY TRIPower STP 12-50	SUNNY TRIPower STP 15-50	SUNNY TRIPower STP 20-50	SUNNY TRIPower STP 25-50
AC nominal power:	12kW	15kW	20kW	25kW
AC rated voltage:	400 V _{AC}			
AC nominal frequency:	50 Hz			
AC number of phases:	3			
AC rated current:	17,4 A	21,7 A	29,0 A	36,2 A
AC short circuit initial current:	36.6 A			
MPPT working voltage range:	206-800V _{MPP}	257-800V _{MPP}	340-800V _{MPP}	430-800V _{MPP}
Isolation transformer:	No			
Firmware version:	from 1.16.03.R (main processor)			
Report No:	713254379_009			
dates of testing:	2022-02-08, 2022-07-24, 2022-09-09			