IBC SOLAR

Commercial solutions

SMA SUNNY TRIPOWER CORE2

The flexibility.

Your benefits at a glance

- More flexibility for large rooftop systems and open spaces up to the MW range
- 12 MPP trackers and 24 strings with 1100 VDC Sunclix plug-in connector
- Rapid commissioning without additional DC combiner
- 98.6 % peak efficiency
- Premium monitoring service for reliable plant performance
- High IT security

Flexible plant design for larger commercial PV plants: Sunny Tripower CORE2 is the ideal inverter for decentralised plant structures up to the Megawatt range. With 110 Kilowatts of power, 24 strings and 12 MPP trackers, the Sunny Tripower CORE2 installed in open space plants enables, as well as with different roof pitches, a particularly high solar coverage ratio over the course of the day. The integrated SMA ShadeFix software solution optimises plant performance automatically at all times, even with partially shaded modules. SMA Smart Connected automatic monitoring service ensures maximum yields from the PV plant by detecting errors as early as possible. With Sunny Tripower CORE2 as a central component of the SMA Energy System Business, installers and plant operators can always benefit from first-class components from one single source and sustainable expansion opportunities with SMA storage solutions.

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Technical data

	Sunny Tripower CORE2
Area of application	Commercial and industry
Nominal AC power	11000 W
Number of MPPT	12
Maximum DC input voltage	1100 V
Maximum Degree of efficiency	98.6 %
AC Voltage	400 V
Dimensions (WxHxD)	1117 x 682 x 363 mm
Weight	93.5 kg
Certificates and approvals (selection)	IEC 62109-1/-2, EN50549-1/-2: 2018, **VDE-AR-N 4105/4110/4120: 2018**, IEC 62116, IEC 61727, C10/C11 LV2/MV1: 2018, CEI 0-16:2019, AS/NZS 4777.2, SI 4777, TOR generator type A/B

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