

# TRANSFORMER COMPACT STATION 1000SC / 1250SC / 1600SC / 1800SC



TCS-1000-SC-ZA / TCS-1250-SC-ZA / TCS-1600-SC-ZA / TCS-1800-SC-ZA



## Cost efficient

- Simplified transport due to low weight
- Significant savings in PV farm road construction

## Simple

- Complete turnkey solution as steel model
- Ideally suited for the central inverters of the CP series

## Flexible

- Medium-voltage switchgear for modular construction of PV farms
- Transformer for internal power to supply the inverter

- Available for medium-voltage levels 11 kV, 22 kV and 33 kV
- Perfect especially for extreme hot environmental conditions

## TRANSFORMER COMPACT STATION 1000SC / 1250SC / 1600SC / 1800SC

Compact for medium voltage

The Transformer Compact Station is the ideal link between SMA central inverters and the medium-voltage grid. As a complete turnkey solution in steel design, it provides all options. Due to the steel design it is significantly smaller and lighter than concrete solutions, saving time and money. The Transformer Compact Station is perfectly suited for extreme hot environmental conditions because of its clever ventilation system. The TCS 1600SC and 1800SC include as standard equipment an adjustable voltage tap that can be controlled easily with a rotary switch, making the device an ideal companion for the central inverters from the CP series.





## OPTIONS

### Transport and Sunny Central CP XT connection

Installation of the Sunny Central CP XT on the plinth, installation and connection of power cables and communication cables are included in the scope of supply.

### Medium-voltage switchgear

Using medium-voltage switchgear, several transformer stations can be connected in a string or a ring. This allows modular construction of large PV farms.

### Low-voltage switchgear

On demand, the standard LV/HRC fuse switch-disconnectors can be replaced by circuit breakers.

### Transformer for auxiliary power supply

A transformer for auxiliary power supplies the transformer station and the attached inverters directly from the medium-voltage grid.

### Communit

The Communit communication distributor is designed to house and wire together all communication components used in large-scale PV plants with SUNNY CENTRAL.

