

TRANSFORMER COMPACT STATION 500SC-JP / 630SC-JP / 800SC-JP



TCS-500SC-JP / TCS-630SC-JP / TCS-800SC-JP



Innovative

- Forward-looking overall concept for photovoltaic applications
- Thermally tested

Simple

- Complete solution with a modular design
- Ideally suited for the central inverters of the CP-JP series

Optimized cost

- Inexpensive transport due to light weight
- Significant savings in PV farm road construction

Robust

- Enclosure made of steel with standard coat of paint, optionally with protective coating against salt corrosion or made of stainless steel

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Compact and safe connection to the Japanese high-voltage grid

The Transformer Compact Station is the ideal link between SMA central inverters and the high-voltage grid: as a complete solution with a modular design, it provides all the options – from stainless steel enclosures for extreme ambient conditions to amorphous transformers with greatly reduced open-circuit losses. For customers in Japan, this makes Transformer Compact Stations the perfect partners for the Sunny Central inverters from the CP-JP series.

OPTIONS

TCS enclosure for chemically active environment

For applications in tough industrial environments or installations near the sea, TCS versions are available that are made of steel with a protective coating against salt corrosion or made of stainless steel.

High-voltage transformer with amorphous core

A transformer with an amorphous core offers greatly reduced open-circuit losses compared to a transformer with an iron core.

Pre-assembled cable set between TCS and SC-JP

If required it is possible to order the cable set for connecting the TCS to the SC-JP. The cable sets are available in the lengths 5 m, 7.5 m, 10 m and 15 m. The cable sets are available in the following dimensions: 3 x 3 x 1 x 240 mm² or 4 x 3 x 1 x 240 mm²

PLANT DIAGRAM

