

# Power Conditioner

The versatile specialist for large-scale commercial plants and solar power plants

The Sunny Tripower is the ideal inverter for large-scale commercial and industrial plants. Not only does it deliver extraordinary high yields with an efficiency of 98.4%, but it also offers enormous design flexibility and compatibility with many PV modules thanks to its multistring capabilities and wide input voltage range.

The future is now: the Sunny Tripower comes with cutting-edge grid management functions such as Integrated Plant Control, which allows the inverter to regulate reactive power at the point of common coupling. Separate controllers are no longer needed, lowering system costs. Another new feature—reactive power provision on demand

**10**  
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Sunny Tripower 25000TL-JP

## Specifications

Model	
input (DC)	
Max. DC power (at $\cos \phi = 1$ ) / DC rated power	25550W / 25550W
Max. input voltage	1000V
MPP voltage range / rated input voltage	390V to 800V / 600V
Min. input voltage / start input voltage	150V / 188V
output (AC)	
Rated power	25000W
AC voltage range	180V to 280V
Max. AC apparent power	25000VA
General data	
Dimensions (W / H / D)	661 / 682 / 264 mm (26.0 / 26.9 / 10.4inch)
Weight	61kg (134.48lb)
Operating temperature range	-25°C to +60°C(-13°F to +140°F)
Noise emission (typical)	51dB(A)
Self-consumption (at night)	1W
Topology / cooling concept	Transformerless / Opticool
Feed-in phases / connection phases	3 / 3
Max. efficiency / European Efficiency	98.3% / 98.1%
Features / function / Accessories	
DC connection / AC connection SUNCLIX / spring-cage terminal Display	○
Interface: RS485, Speedwire/Webconnect	○ / ●
Data interface: SMA Modbus / SunSpec Modbus	● / ●
Multifunction relay / Power Control Module	○ / ○
OptiTrack Global Peak / Integrated Plant Control / Q on Demand 24/7	● / ● / ●
Off-Grid capable / SMA Fuel Save Controller compatible	● / ●
Guarantee: 5 / 10 / 15 / 20 years	● / ○ / ○ / ○
● Standard features	
○ Optional features	
Status: May 2016	