



JSI-3000TL Single Phase String Inverter

Features

High performance string inverters

- Wide PV input voltage range
- Rapid MPPT tracking technology
- Superior PV energy harvest
- Transformerless design with higher operation efficiency
- Excellent thermal performance
- High overload capability under most ambient conditions

Easy and affordable to install

- Lightweight and compact size
- Includes a lightweight portable multi-functional bracket that simplifies installation
- Firm IP65 inverter enclosure allows outdoor and indoor application

Full data display and communications

- LCD display energy data
- Bright LED indicators imply system status at a glance
- PC software for remote monitoring and system troubleshooting
- Integrated RS232 serial communications

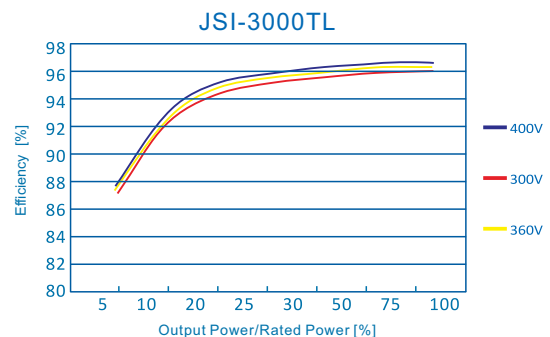
Cost advantages

- Transformerless design cutting down the cost
- Light weight and small dimension, reducing shipping cost
- IP65 protection degree, suitable for outdoor installation, reducing construction cost
- Low maintenance expense



JSI-3000TL

Typical Efficiency Curve



Technical data

Model (JSI)	3000TL
Max. DC Input Power	3660W
Max. DC Voltage	500Vdc
MPPT Operating Range	100~450Vdc
Number of Parallel Inputs	2
Number of MPP Trackers	1
Max. Input Current	20A
Nominal Output Power	3000W
Max. Output Power	3400W
Nominal Output Current	13A
Max. Output Current	15.7A
Nominal AC Output Voltage	230Vac
AC Output Voltage Range*	190~265Vac
AC Grid Frequency Range*	50±5Hz
Power Factor (cosφ)	>0.99
THDI	<3% (at nominal output power)
Max. efficiency	97.2%
Euro. efficiency	96.4%
MPPT efficiency	99.6%
Operating Temperature	-25°C~+60°C
Noise (typical)	≤20dB (A)
Operating Consumption	0 W
Electrical Isolation	Transformerless
Cooling Concept	Natural Cooling
Protect Level	IP65
Communication	RS232 (Wifi optional)
Dimension (W*D*H mm)	345*152*385
Weight (Kg)	15

*AC grid voltage range and frequency range depend on local standards.