

# SWEES

## Grid Tie Inverter

### SWG TL series

- SWG 2000 TL1
- SWG 3000 TL1

## Features

### High performance string inverters

- Wide PV Input voltage range
- Rapid MPPT tracking technology
- Superior PV Energy harvest
- Transformerless with higher operation efficiency
- Excellent thermal performance
- Firm IP65 inverter enclosure allows outdoor 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 trouble shooting
- Integrated RS232 serial communications



## Technical Specification

Model No	SWG TL2000	SWG TL3000
<b>Input (DC)</b>		
Max. DC power	2300W	3550W
Vmax. PV (absolute maximum)	500V	500V
Isc .PV (absolute maximum)	15.6A	22A
Start Voltage	150Vdc	
PV input operating voltage range	100V-500V	100V-500V
Max. Operating PV input current	13.0A	20A
Number of MPP trackers	1	1
No. of String	1	1
<b>Output (AC)</b>		
Max. Continuous power	2000W	3000W
Nominal voltage	230VAC (185 V– 270VAC)	
Nominal frequency	50Hz	
Max. Output current	10.5A	15.7A
Power factor (Cos $\phi$ )	>0.99 (Range -0.8 ~ +0.8PF)	
THDI (at nominal output power)	<3%	
AC connection	Single phase	
Max. efficiency	>97%	>96.7%
Euro efficiency	>96.2%	>96.2%
MPPT efficiency	>99.6%	>99.6%
<b>General data</b>		
Dimension (W x H x D) in mm	345x152x355	345x162x384
Weight	13kG	15KG
Operating temperature range	-25 °C to +60 °C	-20 °C to +60 °C
Communication	RS232 (Wi-Fi Optional)	

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

\*Specifications subject to change without prior notice

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