

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
Input (DC)		
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
Output (AC)		
Max. Continuous power	2000W	3000W
Nominal voltage	230VAC (185 V– 270VAC)	
Nominal frequency	50Hz	
Max. Output current	10.5A	15.7A
Power factor (Cos ϕ)	>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%
General data		
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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