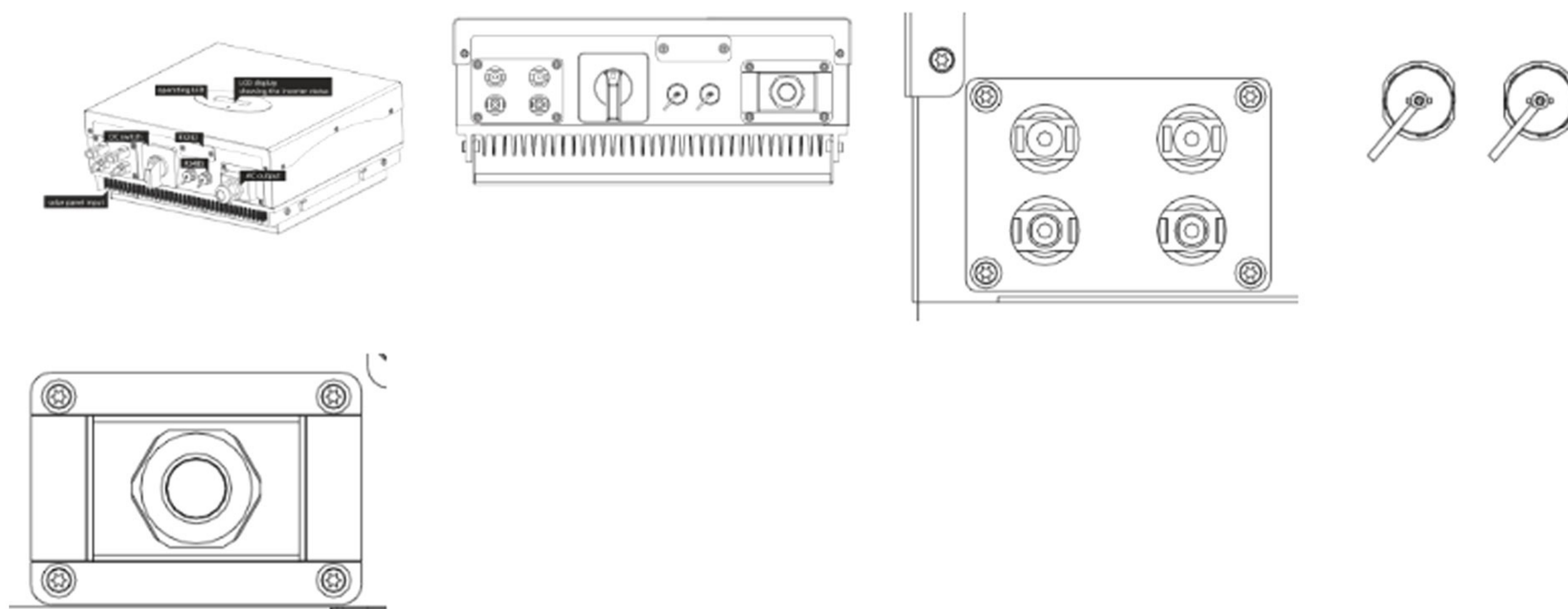


GROWATT 5000 TL inverter



The Growatt 5000 TL can receive three parallel input strings and produces one phase.

The TL series of Growatt inverters is connected in a single phase, ideal for single-family homes where **quick return on investment** is important . The favorable price comes with a high efficiency of 97%. The TL series includes a working point circuit, so all installed solar cells must be in the same orientation.

Maximum Efficiency 97.8%, Wide Input Voltage Range

Built-in DC Switch Without
Transformer Design

Ultra Small Size & Weight

MTL Circuits

Bluetooth Technology Easy

Feedback Full GROWATT Warranty Europe ENS Certified Power Supply (ENS) Multilingual Display Available Now: ENGLISH

GROWATT 5000TL inverter	
Input (DC)	
Max. DC power	5000W
Max. DC voltage	580V
Input voltage allowed at full load. province	250V-450V
Permitted voltage range	120V – 450V
Number of solar cell arrays	3
MPP Tracking Number	1
Max. Input current	20A
Outputs (AC)	
Rated output AC power	4600W
Max.AC performance	4600W
Max. Output current	22.3A
AC voltage range	200Vac – 250Vac
AC Network Frequency Range	40.1Hz – 50.9Hz
phase jump (cos fi)	1
THDI	<3%
Network connection	a phase
efficiency	
Max. Efficiency	97,0%
Euro-eta	95,5%
MPPT efficiency	99,5%
Built-in protection	
DC reverse polarity protection	from
AC short circuit protection	from
Folder error monitoring	from
Network monitoring	from
Leakage protection on all poles	from
General Informations	
Size (Wide / High / Deep) mm	362/329/132
Weight	21
Operating temperature range	-25 °C ... +60 °C
Noise pollution max.	≤25 dB(A)
Power consumption (standby / night)	< 5W / < 0.5 W
Construction without transformer	again
Fanless construction	again
Protection class (IP65) can be installed indoors or outdoors	again
Up to 2000m height can be installed without loss of power	again
Permissible humidity	0 ~ 95% non-condensing
Features	
DC connection (MC3 / MC4 / H4)	opc./opc./igen
AC connection	terminal
LCD monitor	built-in
Communication Connections (Bluetooth / RS485 / RS232)	option / is / is
Warranty 5years / 10years	yes / option
Certificates and permits	EN50178, VDE0126-1-1, EN6100-3-2, CCE / TÜV, EN61000-6-2, EN61000-6-3, EN61000-6-4, IEC-62109, DK5940,G83,RD1663