

GTW 4600 TL and GTW 6000 TL TECHNICAL SPECIFICATION

GTW 4600 and 6000 TLS are the new generation of solar inverter from ProVista; the heart of your PV system is dynamic and powerful. They have been designed with the latest electronic technology available in the market so they can provide the best solution to harvest the maximum power from the solar array with high efficiency towards the grid.



Product Features	PRODUCT NAME	GTW 4600TL	GTW 6000TL	
<ul style="list-style-type: none"> - High conversion efficiency - Excellent overload capabilities - Control by digital signal processor (DSP) - Boost system with Smart MPPT function - Power Factor 0,98 - Total Harmonic Distortion according local regulations - High Max. Efficiency 96% - Voltage and Frequency fed according local regulations - Friendly Human Interface - Energy monitoring via RS232, RS485, USB, CANBus or Wireless BlueTooth - Long Life usage: MTBF > 100,000 hours 	Input (DC)			
	Max. DC power	4600 W	6000 W	
	Max. DC voltage	500 V	500 V	
	PV voltage range MPPT	160 - 450 V	160 - 450 V	
	Max. input current	20 A	22 A	
	Number of MPP trackers	3	3	
	Max. number of string (parallel)	2	2	
	Output (AC)			
	Nominal AC output	4000 W	5000 W	
	Max. AC apparent power	4000 VA	5000 VA	
	Nominal AC voltage	220 V - 240 V	220 V - 240 V	
	Range AC voltage	180 V - 260 V	180 V - 260 V	
	AC grid frequency (self-adjusting)	50 Hz / 60 Hz	50 Hz / 60 Hz	
	Range AC frequency	+/- 4,5 Hz	+/- 4,5 Hz	
	Power factor	1	1	
Max. Efficiency / Euro-Eta	96,5%/95,3%	96,5%/95,5%		
Ambient Temperature	-25°C +60°C			
General Data				
Consumption: (standby) operation / night	< 5 W / 0,1 W	< 7 W / 0,25 W		
Degree of protection	IP 65			
Dimension (X xY x Z)	330 x 500 x 170 mm			
Weight	18 kg	20 kg		
	<i>Technical data at 25°C/77°F</i>			
Certificates				
- Compliant with IEC 62109-1 and 2, EN50178				
- Complaint with EN61000-6-2, EN61000-6-3, EN61000-3-2 and 3				
- Compliant with AS4777, DK5960, VDE 0126-1-1				
- RoHS compliant				
- Manufactured according to ISO 9001 and ISO 14001				