

GTW 1500, 2000 and 3000 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 1500TLS	GTW 2000TLS	GTW 3000TLS
<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	1600 W	2100 W	3150 W
	Max. DC voltage	400 V	400 V	400 V
	PV voltage range MPPT	160 - 320 V	160 - 320 V	160 - 320 V
	Max. input current	12,6 A	15 A	15 A
	Number of MPP trackers	1	1	1
	Max. number of string (parallel)	2	2	2
	Output (AC)			
	Nominal AC output	1500 W	2000 W	3000 W
	Max. AC apparent power	1500 VA	2000 VA	3000 VA
Max. output current	8,6 A	16 A	16 A	
Nominal AC voltage	220 V - 240 V	220 V - 240 V	220 V - 240 V	
Range AC voltage	180 V - 260 V	180 V - 260 V	180 V - 260 V	
Electronic Protection Functions	AC grid frequency (self-adjusting)	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz
<ul style="list-style-type: none"> - DC reverse polarity protection - DC load-disconnecting switch - AC short-circuit protection - Ground fault monitoring - Grid monitoring - Sensitive residual current monitoring unit - Anti-islanding function 	Range AC frequency	+/- 4,5 Hz	+/- 4,5 Hz	+/- 4,5 Hz
	Power factor	1	1	1
	Max. Efficiency / Euro-Eta	96,5%/95,3%	96,5%/95,5%	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	< 7 W / 0,25 W
	Degree of protection	IP 65		
	Dimension (X xY x Z)	330 x 400 x 170 mm		
Certificates	Weight	14 kg	18 kg	18 kg
<ul style="list-style-type: none"> - Compliant with European Standard (CE) - Compliant with AS4777 - RoHS compliant - Manufactured according to ISO 9001 and ISO 14001 	Technical data at 25°C/77°F			