



Warranty



High Performance



High Efficiency

EVVO

World Class On Grid Solar Inverters



Service Help Line
1800-572-4090





EVVO 3000/4000/4200/5000/6000 TL-G2



Single - Phase I Dual-MPPT

- **2 MPPT high precision string detection**
- **IP65 ingress protection**
- **Built - in Zero Export function**
- **I-V curve scanning function**
- **Max. efficiency up to 98.2%**
- **Smart monitoring, RS485, Wifi/Ethernet/GPRS(optional)**
- **Built-in sound and light alarm function**

EVVO 3000/4000/4200/5000/6000 TL-G2

Single-Phase Dual-MPPT

Datasheet	EVVO 3KTL-G2	EVVO 4KTL-G2	EVVO 4.2KTL-G2	EVVO 5KTL-G2	EVVO 6KTL-G2
Input (DC)					
Recommended PV input power	3500W	4400W	5000W	5500W	6600W
Max DC power for single MPPT	2000W	2600W	3000W	3000W	3500W
Number of independent MPPT			2		
Number of DC inputs			1/1		
Max. Input voltage			600V		
Start-up input voltage			120V		
Rated input voltage			360V		
MPPT voltage range			90-580V		
Full load DC voltage range	160V-520V	200V-520V	230V-520V	250V-520V	300V-520V
Max. Input current per MPPT			11A/11A		
Maximun DC input short circuit current per MPPT			14A		
Output (AC)					
Rated power	3000W	4000W	4600W	5000W	6000W
Max. AC power	3000VA	4000VA	4600VA	5000VA	6000VA
Max. Output current	13.7A	18.2A	21A	22.8A	27.3A
Nominal grid voltage	L/N/PE, 220Vac, 230Vac, 240Vac				
Grid voltage range	180Vac-276Vac (According to local standard)				
Nominal frequency	50Hz/60Hz				
Grid frequency range	45Hz-55Hz/54Hz-66Hz (According to local standard)				
Active power adjustable range	0-100%				
THDi	<3%				
Power factor	Idefault (adjustable+/-0.8)				
Power limit export	Zero export or adjustable power limit export				
Performance					
Max efficiency			98.0%		
European weighted efficiency			97.5%		
Self-consumption at night			<1W		
Feed-in start power			50W		
MPPT efficiency			> 99.9%		
Protection					
DC reverse polarity protection			Yes		
DC switch			Optional		
Protection class/overvoltage category			I/III		
Input/output MOV (II)			Yes		
Safety protection	Anti islanding, RCMU, Ground fault monitoring				
SPD	MOV: Type III standard/ Type II optional				
Communication					
Power management unit	According to certification and request				
Standard communication mode	Rs485, Wifi/Ethernet/GPRS(optional), SD card(optional)				
Operation data storage	25 years				
General Data					
Ambient temperature range	-25°C~+60°C				
Topology	Transformerless				
Degree of protection	IP65				
Allowable relative humidity range	0-100%				
Max. Operating altitude	2000m				
Noise	<25dB				
Weight	11.5kg				
Cooling	Natural convection				
Dimension	405*315*135mm				
Display	LCD display				
Warranty	7 years				
Standard					
EMC	EN 61000-6-2, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3, EN 61000-3-11, EN 61000-3-12				
Safety standards	IEC62109-1/2, IEC62116, IEC61727, IEC-61683, IEC60068(1,2,14,30)				
Grid standards	AS/NZS 4777, VDE V 0124-100, V 0126-1-1, VDE-AR-N 4105, CEI 0-21, EN50438/EN50549, GB3/G59/G98/G99, NB/T32004; ABNT NBR 16149/16150 (for 50FAR3KTLM-G2, 50FAR5KTLM-G2& 7.5KTLM)				

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INSTALLATION SUPPORT | SERVICE CENTER IN INDIA

MANUFACTURING HUB

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EVVO

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