



Warranty



High Performance



High Efficiency

# EVVO

World Class On Grid Solar Inverters



Service Help Line  
1800-572-4090



# EVVO

EVVO 3000/3600/4000/4200/5000/6000/7500 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 3000/3600/4000/4200/5000/6000/7500 TL-G2

## Single-Phase Dual-MPPT

Datasheet	EVVO 3KTL-G2	EVVO 3.6KTL-G2	EVVO 4KTL-G2	EVVO 4.2KTL-G2	EVVO 5KTL-G2	EVVO 6KTL-G2	EVVO 7.5KTL-G2
<b>Input (DC)</b>							
Recommended PV input power	3500W	4000W	4400W	5000W	5500W	6600W	8300W
Max DC power for single MPPT	2000W	2400W	2600W	3000W	3000W	3500W	2*2750W/ 2750W
Number of independent MPPT				2			
Number of DC inputs				1/1	2/1		
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	180V-520V	200V-520V	230V-520V	250V-520V	300V-520V	250V-520V
Max. Input current per MPPT				11A/11A	22A/11A		
Maximum DC input short circuit current per MPPT				14A	28/14A		
<b>Output (AC)</b>							
Rated power	3000W	3680W	4000W	4600W	5000W	6000W	7500W
Max. AC power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA	7500VA
Max. Output current	13.7A	16.8A	18.2A	21A	22.8A	27.3A	32.6A
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	1default (adjustable+/-0.8)						
Power limit export	Zero export or adjustable power limit export						
<b>Performance</b>							
Max efficiency				98.0%	98.2%		
European weighted efficiency				97.5%	97.6%		
Self-consumption at night				<1W			
Feed-in start power				50W			
MPPT efficiency				> 99.9%			
<b>Protection</b>							
DC reverse polarity protection				Yes			
DC switch				Optional			
Protection class/overvoltage category				I/III			
Input/output MOV (III)				Yes			
Safety protection	Anti islanding, RCMU, Ground fault monitoring						
SPD	MOV: Type III standard/ Type II optional						
<b>Communication</b>							
Power management unit	According to certification and request						
Standard communication mode	Rs485, Wifi/Ethernet/GPRS(optional), SD card(optional)						
Operation data storage	25 years						
<b>General Data</b>							
Ambient temperature range				-25°C~+60°C	-30°C~+60°C		
Topology				Transformerless			
Degree of protection				IP65			
Allowable relative humidity range				0-100%			
Max. Operating altitude				2000m			
Noise				<25dB			
Weight				11.5kg	18kg		
Cooling				Natural convection			
Dimension				405*315*135mm	467*352*157mm		
Display				LCD display			
Warranty				7 years			
<b>Standard</b>							
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, G83/G59/G98/G99, NB/T32004; ABNT NBR 16149/16150 (for SOFAR3KTLM-G2, SOFAR5KTLM-G2& 7.5KTLM)						

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## INSTALLATION SUPPORT | SERVICE CENTER IN INDIA

MANUFACTURING HUB

Solar Inverters

# EVVO

Shenzhen - China



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