

EVOLVING INTO A
CLEANER & GREENER
FUTURE



ON GRID INVERTER

SINGLE PHASE



Zero Export &
DG Sync Compatible



Ongrid
Inverter



Global Service
Centre



72 Hours
Service Solution

- 2 MPP trackers, Max. efficiency up to 97.7%
- Zero export application, VSG application
- Intelligent Energy monitoring (optional)
- Wide output voltage range
- Supports High Wattage Modules
- Low start-up voltage of 80V

8/10*
YEARS
WARRANTY

* Conditions Apply

*Inverter Picture is for reference purpose only & may differ from actual

**MANUFACTURING UNIT:
INDIA, CHINA**

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**THINK SOLAR
THINK 25 YEARS
THINK EVVO**

Model	EVVO 3600TLG2	EVVO 4000TLG2	EVVO 4600TLG2	EVVO 5000TLG2	EVVO 6000TLG2	EVVO 8000TLG2
Input Side						
Max. DC Input Power (kW)	4.7	5.2	5.98	6.5	7.8	10.4
Max. DC Input Voltage (V)	550					
Start-up DC Input Voltage (V)	80					
MPPT Operating Range (V)	70~500					
Max. DC Input Current (A)	13+13					13+26
Max. Short Circuit Current (A)	19.5+19.5					19.5+ 39
Number of MPPT / Strings per MPPT	2/1					2/1+2
Output Side						
Rated Output Power (kW)	3.6	4	4.6	5	6	8
Max. Active Power (kW)	3.96	4.4	5.06	5.5	6.6	8.8
Nominal Output Voltage / Range (V)	L/N/PE 220V/187V-242V, 230V/ 195.5V-253V (Optional)					
Rated Grid Frequency (Hz)	50 / 60 (Optional)					
Operating Phase	Single phase					
Rated AC Grid Output Current (A)	15.7	17.4	20	21.7	26.1	34.8
Max. AC Output Current (A)	17.2	19.1	22	23.9	28.7	38.3
Output Power Factor	0.8 leading to 0.8 lagging					
Grid Current THD	<3%					
DC Injection Current (mA)	<0.5%					
Grid Frequency Range	47~52 or 57~62 (Optional)					
Efficiency						
Max. Efficiency	97.3%	97.5%	97.5%	97.5%	97.5%	97.7%
Euro Efficiency	97.1%	97.3%	97.3%	97.3%	97.3%	97.5%
MPPT Efficiency	>99%					
Protection						
DC Reverse-Polarity Protection	Yes					
AC Short Circuit Protection	Yes					
AC Output Overcurrent Protection	Yes					
Output Overvoltage Protection	Yes					
Insulation Resistance Protection	Yes					
Ground Fault Monitoring	Yes					
Anti-islanding Protection	Yes					
Temperature Protection	Yes					
Integrated DC Switch	Yes					
Remote software upload	Yes					
Remote change of operating parameters	Yes					
Surge protection	DC Type II / AC Type II					
General Data						
Size (mm) WxHxD	330×323×190					330×410×198.5
Weight (kg)	7.5					15.7
Topology	Transformerless					
Internal Consumption	<1W (Night)					
Running Temperature	-25~65°C, >45°C derating					
Ingress Protection	IP65					
Noise Emission (Typical)	<25 dB					
Cooling Concept	Natural cooling					
Max. Operating Altitude Without Derating	2000m					
Designed Lifetime	>20 years					
Grid Connection Standard	CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11					
Operating Surroundings Humidity	0-100%					
Safety EMC / Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2					
Features						
DC Connection	MC-4 mateable					
AC Connection	IP65 rated plug					
Display	LCD1602					
Interface	RS485/RS232/Wifi/LAN					
Warranty	8 Years / 10 Years Extended Warranty on Additional Cost					

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