

EVVO 4000TL3P / 5000TL3P / 6000TL3P / 8000TL3P /
10000TLG23P THREE PHASE



EVOLVING INTO A
CLEANER & GREENER
FUTURE



ON GRID INVERTER

THREE PHASE



Zero Export &
DG Sync Compatible



Ongrid
Inverter



Global Service
Centre



72 Hours
Service Solution

- 2 MPP trackers, Max. efficiency up to 98.3%
- Zero export application, VSG application
- Intelligent Energy monitoring (optional)
- Wide output voltage range
- Supports High Wattage Modules
- Anti-PID function (Optional)

8/10*
YEARS
WARRANTY

* Conditions Apply

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

MANUFACTURING UNIT:
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**THINK SOLAR
THINK 25 YEARS
THINK EVVO**

Model	EVVO 4000TL3P	EVVO 5000TL3P	EVVO 6000TL3P	EVVO 8000TL3P	EVVO 10000TLG23P
Input Side					
Max. DC Input Power (kW)	5.2	6.5	7.8	10.4	13
Max. DC Input Voltage (V)	1100				
Start-up DC Input Voltage (V)	140				
MPPT Operating Range (V)	120~850				
Max. DC Input Current (A)	13+13				
Max. Short Circuit Current (A)	19.5+19.5				
Number of MPPT / Strings per MPPT	2/1				
Output Side					
Rated Output Power (kW)	4	5	6	8	10
Max. Active Power (kW)	4.4	5.5	6.6	8.8	11
Nominal Output Voltage / Range (V)	3L/N/PE 380V/323V-418V, 400V/340V-440V				
Rated Grid Frequency (Hz)	50 / 60 (Optional)				
Operating Phase	Three phase				
Rated AC Grid Output Current (A)	5.8	7.2	8.7	11.6	14.5
Max. AC Output Current (A)	6.4	8	9.6	12.8	15.9
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	98.3%				
Euro Efficiency	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	330×457×185				
Weight (kg)	10				
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				

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