

**EVVO 20000TL3P / 25000TL3P / EVVO 30000TLG23P /
EVVO 33000TLG23P 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 98.6%
- 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:
INDIA, CHINA**

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**THINK SOLAR
THINK 25 YEARS
THINK EVVO**

Model	EVVO 20000TL3P	EVVO 25000TL3P	EVVO 30000TLG23P	EVVO 330000TLG23P
Input Side				
Max. DC Input Power (kW)	26	32.5	39	42.9
Max. DC Input Voltage (V)	1000			
Start-up DC Input Voltage (V)	250			
MPPT Operating Range (V)	200~850			
Max. DC Input Current (A)	26+26			40+40
Max. Short Circuit Current (A)	39+39			60+60
Number of MPPT / Strings per MPPT	2/2			2/3
Output Side				
Rated Output Power (kW)	20	25	30	33
Max. Active Power (kW)	22	27.5	33	36.3
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)	29	36.2	43.5	47.8
Max. AC Output Current (A)	31.9	39.8	47.9	52.6
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	98.6%			
Euro Efficiency	97.8%			
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	362×527×220		362×577×215	
Weight (kg)	20		25.5	
Topology	Transformerless			
Internal Consumption	<1W (Night)			
Running Temperature	-25~65°C, >45°C derating			
Ingress Protection	IP65			
Noise Emission (Typical)	<45 dB			
Cooling Concept	Smart 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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