

EVVO 8KW / 10KW / 12KW / 15KW /
17KW / 20KW / 22KW / 25KW / 30KW / 33KW
PV String Inverter

EVOLVING INTO A CLEANER & GREENER FUTURE



Zero Export &
DG Sync Compatible



Ongrid
Inverter



Global Service
Centre



Easy
Service Solution

High-efficiency

- 2 MPPTs with Max. efficiency 98.60%
- 20A input current, compatible with 210mm PV modules
- High precision & intelligent string detection

Reliability

- Under/over voltage protection
- Anti-islanding protection
- Built-in Type II DC&AC SPD

User Friendly

- Built-in zero export function interface
- Touch free commissioning via APP
- Remote firmware updates

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 8KW	EVVO 10KW	EVVO 12KW	EVVO 15KW	EVVO 17KW	EVVO 20KW	EVVO 22KW	EVVO 25KW	EVVO 30KW	EVVO 33KW	
DC Input											
Max. PV Input Power	12KW	15KW	18KW	22.5KW	25.5KW	30KW	33KW	37.5KW	45KW	49.5KW	
Max. Input Voltage	1100V										
Starting Voltage	180V										
MPPT Voltage Range	200 ~ 1000V										
MPPT Range Full Load	370 ~ 850V			450 ~ 850V			425 ~ 850V				
Max. Input Current Per MPPT	20A / 20A			26A / 20A		30A / 30A		40A / 40A			
Max. Short-circuit Current	30A / 30A			39A / 30A		45A / 45A		60A / 60A			
Number of DC Inputs	1 / 1			2 / 1		2 / 2			3 / 3		
Number of MPP Trackers	2										
AC Output											
Rated Output Power	8kW	10kW	12kW	15kW	17kW	20kW	22kW	25kW	30kW	33kW	
Max. Output Power	8.8kW	11kW	13.2kW	16.5kW	18.7kW	22kW	24.2kW	27.5kW	33kW	36.3kW	
Rated Output Voltage	230V / 400V (3P + N + PE)										
Operating Voltage Range	300 ~ 520V										
Rated Output Current	11.6A	14.5A	17.4A	21.7A	24.6A	28.9A	31.8A	36.1A	43.5A	47.6A	
Max. Output Current	12.7A	16.0A	19.1A	23.9A	27.0A	31.8A	35.0A	39.7A	47.8A	52.4A	
Rated Grid Frequency	50Hz / 60Hz										
Power Factor	>0.99 (0.8 leading ~ 0.8 lagging)										
Harmonic (THD)	<3% (at rated power)										
Efficiency											
Max. Efficiency	98.60%										
European Efficiency	98.10%							98.30%			
Protection											
Surge Protection	DC type II / AC type II										
Insulation Impedance Detection	Yes										
Residual Leakage Current Detection	Yes										
PV String Fault Detection	Yes										
PV Reverse Polarity Protection	Yes										
Anti-Islanding Protection	Yes										
Output Overcurrent Protection	Yes										
DC Switch	Yes										
Zero Export Function	Yes										
General Parameters											
Dimensions (W*H*D)	380*400*247mm					380*450*247mm					
Weight	≤22kg					≤25kg	≤30kg	≤35kg			
Protection Degree	IP65										
Operating Temperature Range	-40 ~ +60° C										
Cooling System	Natural cooling					Smart air cooling					
Topology	Transformerless										
Operating Altitude	4000m (>3000m derating)										
Display	LED, WLAN + APP										
Communication	Wi-Fi										
DC Connection Type	MC4										
AC Connection Type	SC terminal					Tube type terminal			OT/ DT terminal		