

EVVO 350KW String Inverter

NO DERATING AT 45°



EVOLVING INTO A
CLEANER & GREENER
FUTURE



Ongrid
Inverter



Global Service
Centre



Easy
Service Solution

KEY FEATURES

Efficient

- 8 MPPTs with Max. efficiency 99.01%
- Up to 20A PV input current supports 210mm & bifacial PV modules
- Highly-precise intelligent string detection

Reliable

- Built-in SPD modules
- Built-in PID recovery function (optional)
- Compatible in harsh environmental conditions
- Fault strings automatic disconnection function

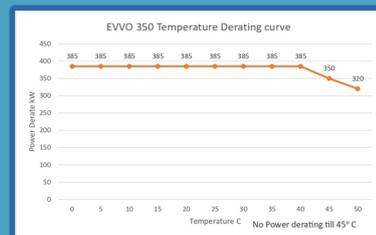
Convenient O&M

- Active and reactive power regulation
- Compatible with weak grid situation
- 24/7 continuously monitoring
- Remote firmware upgrade

Economy Friendly

- **IP66**
- AC-side Aluminium cable compatibility
- PLC communication
- Night SVG 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

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TECHNICAL DATA

PARAMETERS

MODEL	EVVO 350KW
DC Input	
Max. PV Input Power	525 KW
Max. Input Voltage	1500 V
Starting Voltage	500 V
MPPT Voltage Range	500 — 1500 V
MPPT Range Full Load	860 — 1300 V
Max. Input Current Per MPPT	60 A
Max. Short-circuit Current	8 × 90 A
Number of DC Inputs	4 × 8
Number of MPP Trackers	8
AC Output	
Rated Output Power	385 KW @ 40° / 350 KW @ 45° / 320 KW @ 50°
Rated Output Voltage	800 V (3P + PE)
Operating Voltage Range	680 — 920 V
Max. Output Current	277.9 A
Rated Grid Frequency	50 Hz / 60 Hz
Power Factor	>0.99 (0.8 leading — 0.8 lagging)
Harmonic (THD)	<3% (at rated power)
Efficiency	
Max. Efficiency	99.01%
European Efficiency	98.52%
Protection	
SPD	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
General Parameters	
Dimensions (W*H*D)	1135 × 919 × 416 mm
Weight	≤135 kg
Protection Degree	IP66
Operating Temperature Range	-25 — +60°C
Cooling System	Smart air cooling
Standby Power Consumption	10 W
Topology	Transformerless
Operating Altitude	4000m (>3000m derating)
Display	LED indicator / Wi-Fi + APP
Communication	RS485 / PLC
DC Connection Type	MC4
AC Connection Type	OT/ DT terminal