

THREE PHASE



Zero export &
DG sync compatible



Ongrid
Inverter



Global Service
Centre



72 Hours
Replacements

- Remote firmware upgrade
- Maximum efficiency 98.75%
- Smart string level monitoring
- Type II SPD for both DC and AC
- Maximum DC input voltage 1100V
- 110% long-time overload ability
- Low start-up voltage, wide MPPT voltage

**5 / 10^{*} YEARS
WARRANTY**

**MANUFACTURING UNIT :
INDIA, CHINA**

sales request or connect with
a sales associate contact :
+91 94943 55000
sales@evvosolar.com

*at extra cost, conditions apply

Input (DC)

Recommended Max. PV input power	22500Wp
Number of MPP trackers	2
Number of DC inputs	2/2
Max. input voltage	1100V
Start-up voltage	160V
Rated input voltage	650V
MPPT operating voltage range	140V-1000V
Full power MPPT voltage range	480V-850V
Max. input MPPT current	26A/26A
Max. input short circuit current per MPPT	36A/36A

Output (AC)

Rated power	15000W
Max. AC power	16500VA
Max. Output current	23.9A
Nominal grid voltage	3/N/PE, 220V/380Vac, 230V/400Vac
Grid voltage range	310Vac-480Vac (According to local standard)
Nominal frequency	50 / 60Hz
Grid frequency range	45Hz-55Hz/54Hz-66Hz (According to local standard)
Active power adjustable range	0~100%
THDi	<3%
Power factor	1default (adjustable+/-0.8)

Performance

Max efficiency	98.60%
European weighted efficiency	98.20%
Self-consumption at night	<1W
MPPT efficiency	>99.9%

Protection

DC reverse polarity protection	Yes
Anti-islanding protection	Yes
Leakage current protection	Yes
Ground fault monitoring	Yes
PV-array string fault monitoring	Yes
Anti reverse power function	Optional
DC switch	Yes
AFCI protection	Optional
Input / output SPD	PV: type II standard, AC: type II standard

Communication

Power management unit	According to certification and request
Standard communication mode	RS485/ USB/ Bluetooth, Optional: WiFi / GPRS
Operation data storage	25 years

General Data

Ambient temperature range	-30°C0~+60°C
Topology	Transformerless
Degree of protection	IP65
Allowable relative humidity range	0~100%
Max. Operating altitude	4000m
Noise	<40dB
Weight	22kg
Cooling	Fan
Dimension	520*430*189mm
Display	LCD&Bluetooth +APP
Warranty	5 / 10 years

Standard

EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
Safety standards	IEC62109-1/2, IEC62116, IEC61727, IEC61683, IEC60068(1,2,14,30)
Grid standards	AS/NZS 4777, VDE V 0124-100, V 0126-1-1, VDE-AR-N 4105, CEI 0-21/CEI 0-16, UNE 206 007-1, EN50549, G98/G99, EN50530, NB/T32004