

THREE PHASE



Zero export &
DG sync compatible



Ongrid
Inverters



5 Service office
in india



72 Hours
Replacements

- Max. efficiency up to 99%
- Remote firmware upgrade
- Outdoor IP66 protection level
- I-V curve scanning function
- Type II SPD for both DC and AC
- 8~10 MPPT trackers
- Overloading upto 150%
- Support Modbus communication, external Wifi/PLC/GPRS (optional)
- AC/DC dual power supply redundant design, 24-hour status monitoring

10 YEARS WARRANTY

For more About the EVVO Solar Range of
Single Phase Inverters; Visit:
www.evvosolar.com

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

ITEMS

EVVO 110KTL

Input (DC)

Max. PV input voltage	1100V
Rated input voltage	625V
Start-up voltage	200V
MPPT operating voltage range	180V-1000V
Full power MPPT voltage range	500V-850V
Number of MPP trackers	10
Number for DC inputs	20
Max. input MPPT current	26A
Max. input short circuit current	40A

AC Output

Rated power	110KW
Max. AC apparent power	121KVA
Max. output current	175A
Nominal grid voltage	3/N/PE, 230V,400Vac, 220V/380Vac
Grid voltage range	310Vac-480Vac
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	1 default (adjustable+/-0.8)

Performance

Max. Efficiency	98.75%
European weighted efficiency	98.30%
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
Zero voltage ride through	Yes
DC switch	Yes
Anti-PID protection	Optional
AFCI	Optional
Protection class/ Overvoltage category	I/III
Input/ Output SPD	PV: type II standard, AC: type II standard

Communication

Power management unit	According to certification and request
Communication	RS485, Optional: WiFi /GPRS /PLC
Operation data storage	25 years

General Data

Ambient temperature range	-30°C~+60°C
Topology	Transformerless
Degree of protection	IP66
Allowable relative humidity range	0~100%
Max. operating altitude	4000m
Noise	≤60 dB
Weight	84kg
Cooling	Smart forced air cooling
Dimension	995.5*663.5*368 mm
Display	LCD
Warranty	10 years

Standard

EMC	EN 61000-6-2, EN 61000-6-4, EN 61000-3-11, EN 61000-3-12
Safety standard	IEC62109-1/2, IEC62116, IEC61727, IEC-61683, IEC60068(1,2,14,30)
Grid standard	AS/NZS 4777, VDE V 0124-100, V 0126-1-1, VDE-AR-N 4105, BDEW, CEI 0-21/CEI 0-16, UNE 206 007-1, EN50438/EN50549, G59, EN50530, NB/T32004

Authorized Dealer