EVVO
The SOLAR Experts

DATASHEET

1100TL-AV /1600TL-AV / 2200TL-AV / 3000TL-AV /3200TL-AV

SIGNLE PHASE

Zero export & DG sync compatible

Ongrid Inverter

5 Service office in india

72 Hours Replacements

- IP65 ingress protection
- Built - in Zero Export function
- Light weight, quick and easy to install
- Max. efficiency up to 97.7%
- Smart monitoring, RS485, Wifi/Ethernet/GPRS[optional

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

EVVO 1100/1600/2200/2700/3000/3200 TL-AV

Single-Phase Single-MPPT

Datasheet	EVVO 1100TL-AV	EVVO 1600TL-AV	EVVO 2200TL-AV	EVVO 2700TL-AV	EVVO 3000TL-AV	EVVO 3200TL-AV
Input (DC)						
Recommended PV input power	1500W	2200W	3000W	3700W	4100W	4500W
Max. Input voltage	500V	500V	500V	550V	550V	550V
Aux. Open voltage	60V					
Start-up input voltage	70V					
Rated input voltage	360V					
MPPT voltage range	50-500V	50-500V	50-500V	50-550V	50-550V	50-550V
Full load DC voltage range	110-450V	150-450V	200-450V	250-500V	275-500V	300-500V
Max. Input vurrent MPPT	12A					
Maxnimun DC input short circuit current per MPPT	15A					
Number of MPPT/ String per MPPT	1/1					
Input terminal type	MC4/H4					
Output (AC)						
Rated power	1100W	1600W	2200W	2700W	3000W	3300W
Max. AC power	1100VA	1600VA	2200VA	2700VA	3000VA	3300VA
Rated Output current	4.8A	7A	9.6A	11.8A	13A	14.3A
Max. Output current	5.3A	7.7A	10.6A	13A	14.5A	16A
Nominal grid voltage	L/N/PE, 220Vac, 230Vac, 240Vac					
Grid voltage range	180Vac-276Vac (According to local standard)					
Nominal frequency	50Hz/60Hz					
Grid frequency range	45~55Hz/54~66Hz (According to local standard)					
THDi	<3%					
Power factor	1default (adjustable+/-0.81					
Efficiency						
Max. Efficiency	97.5%	97.5%	97.5%	97.7%	97.7%	97.7%
European weighted efficiency	96.9%	96.9%	96.9%	97.2%	97.2%	97.2%
MPPT adaptation efficiency	>99.9%					
Protection						
Anti-Islanding protection	Yes					
OC reverse polarity protection	Yes					
Over temp protection	Yes					
Leakage current protection	Yes					
Over voltage protection	Yes					
Over current protection	Yes					
Earth fault protection	Yes					
SPD	MOV: Type III standard					
Communication						
Standard communication mode	RS485, WiFi/GPRS/Ethernet(optional), USB					
Operation data storage	25 Years					
General Data						
Topology	Transformerless					
Ambient temperature range	-30°C~+60°C					
Allowable relative humidity range	0~100%					
Noise	<25dB					
DC switch	optional					
Cooling	Natural convection					
Max. Operating altitude	2000m					
Dimension	303*260.5*118mm			321*260.5*131.5mm		
Support bracket	Wall-mounted					
Weight	5.5kg			6.3kg		
Display	LCD+LED					
Degree of protection	IP65					
Warranty	10 years					
Standard						
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4,					
Safety standards	IEC 62116, IEC 61727, IEC 61683, IEC 60068(1,2,14,30), IEC 62109-1/2					
Grid standards	AS 4777, VDE V 0124-100, VDE V 0126-1-1, VDE-AR-N 4105, EN 50438, G83/2, C10/11, RD 1699					