



Warranty



High Performance



High Efficiency

EVVO

World Class On Grid Solar Inverters



Service Help Line
1800-572-4090



EVVO 1100TL / 1600TL / 2200TL / 3000TL

Single Phase Inverter Single MPPT

High-yield

- Max 97.2% efficiency
- Real time precise MPPT algorithm for max harvest
- Wide input voltage operation range

Flexible and economical system solution

- Free site selection due to IP65
- Easy installation and maintenance due to "Plug & play Connection"
- Interface selection - Wi-Fi / RS485 / GPRS
- 4 inch LED display
- Build in zero export function (Optional)

Low maintenance cost

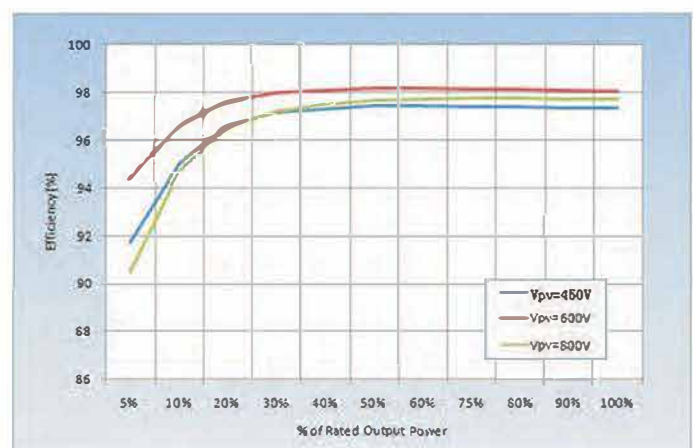
- Detachable cover for easy installation
- Rust-free aluminum covers
- Flexible monitoring solution

Intelligent grid management

- Reactive power adjustable
- Self power reducer when over frequency
- Remote active/reactive power limit control



Efficiency Curve



EVVO 1100TL /1600TL / 2200TL / 3000TL

Single Phase Inverter Single MPPT

| Data Sheet | 1100W | 1600W | 2200W | 3000W |
|-------------------------------------|-----------|--|---|-----------|
| Input(DC) | | | | |
| Max. Input Power | 1200W | 1800W | 2400W | 3300W |
| Number of MPPT/String per MPPT | | | 1/1 | |
| Max. input voltage | 450V | | | |
| Start-up input voltage | 100V | | | |
| Rated input voltage | | | 360V | |
| MPPT voltage range | 80-450 V | | | |
| Full load DC voltage range | 110-450 V | 165-450 V | 170-500 V | 200-500 V |
| Max. input current | 10A | | 13A | 15A |
| Output(AC) | | | | |
| Rated Power | 1000W | 1550W | 2100W | 3100W |
| Max. AC Power | 1000VA | 1550VA | 2100VA | 3100VA |
| Max.AC Output Current | 4.5A | 7A | 9.5A | 13A |
| Nominal Grid Voltage | | | 230V | |
| Grid Voltage Range | | 180~270 V(According to local standard) | | |
| Nominal Frequency | | 50/60Hz | | |
| Grid frequency Range | | 47~53 / 57~63Hz (According to local standard) | | |
| THDi | | <3% | | |
| Power factor | | 1 (adjustable +/-0.8) | | |
| Grid connection | | Single phase | | |
| Power Limit export | | Zero export or adjustable power limit expor | | |
| Efficiency | | | | |
| Max.efficiency | | 97% | | 97.2% |
| Euro efficiency | 95.2% | 95.9% | 96.1% | 96.5% |
| MPPT adaptation efficiency | | | >99.9% | |
| 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),IEC62109-1/2 | | |
| Grid standards | | AS 4777, VDE V 0124-100, VDE V 0126-1-1, VDE-AR-N 4105, EN50438, G83/2, C10/11, RD1699 | | |
| Protection | | | | |
| Anti-Islanding Protection | | | Yes | |
| DC 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 | | | WiFi , RS485 , GPRS(optional) , SD card | |
| Operation Data Storage | | | 25 years | |
| I/O | | | Yes | |
| General Date | | | | |
| DC Switch | | | Yes | |
| Ambient temperature range | | | -25°C...+60°C | |
| Topology | | | Transformerless | |
| Cooling | | | Natural | |
| Allowable relative humidity range | | | 0...100% no condensing | |
| Max.operating altitude | | | 2000m | |
| Noise | | | <25db@1m | |
| Degree of Protection(per IEC 60529) | | | IP65 | |
| Dimension | | | 405*314*135mm | |
| Weight | | 11kg | | 12kg |
| Self-consumption at night | | | <1w | |
| Display | | | LCD display | |
| Warranty | | | 7 years | |



World Class Solar String Inverters

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