



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

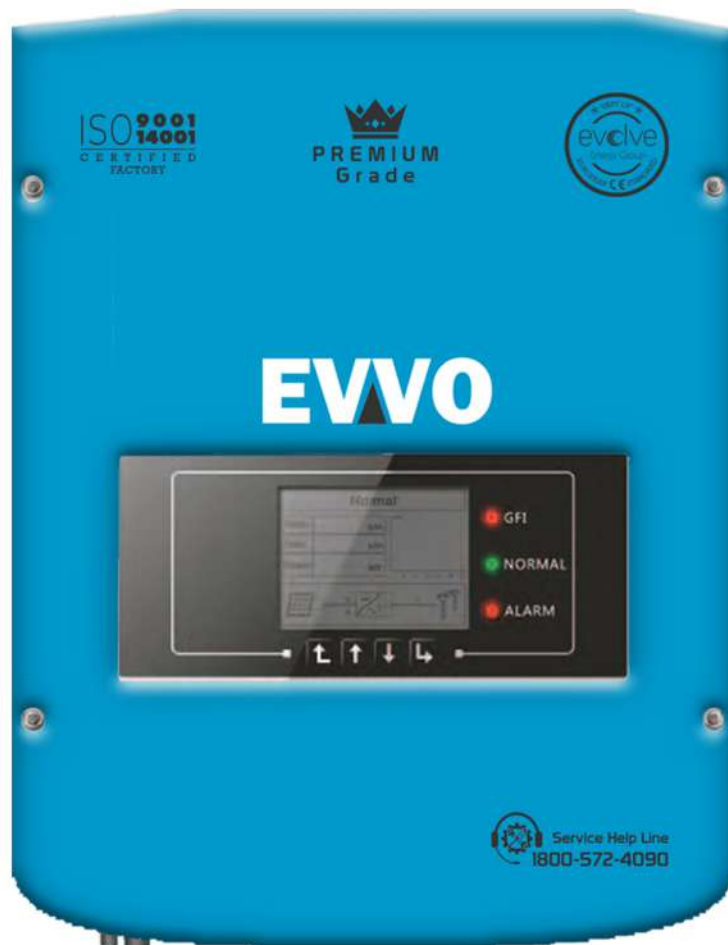
- Free site selection due to IP65
- Easy installation and maintenance due to "Plug & play Connection"
- Interface selection - Wi-Fi / RS485 / GPRS
- 4 inch LED display
- Build in zero export function (Optional)

Low maintenance cost

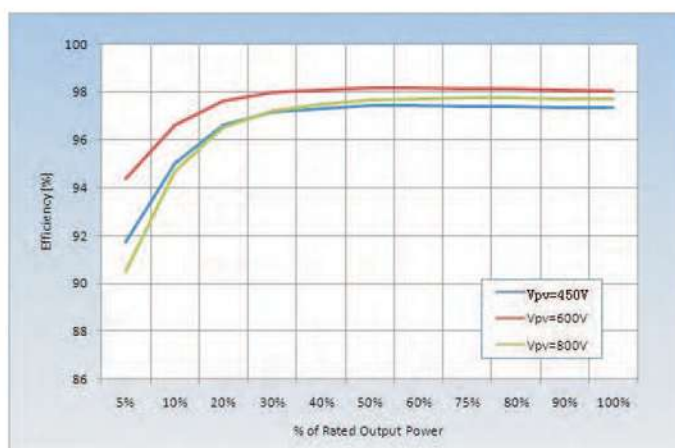
- Detachable cover for easy installation
- Rust-free aluminum covers
- Flexible monitoring solution

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	3100W
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	8 years			



World Class Solar String Inverters

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INSTALLATION SUPPORT | SERVICE CENTER IN INDIA

MANUFACTURING HUB

Solar Inverters

EVVO

Shenzhen - China



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