



Warranty



High Performance



High Efficiency

EVVO

World Class On Grid Solar Inverters



Service Help Line
1800-572-4090



EVVO 4000TLG2 / 5000TLG2 / 6000TLG2

Single Phase Inverter Dual MPPT

High-yield

- Max 97.6% 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

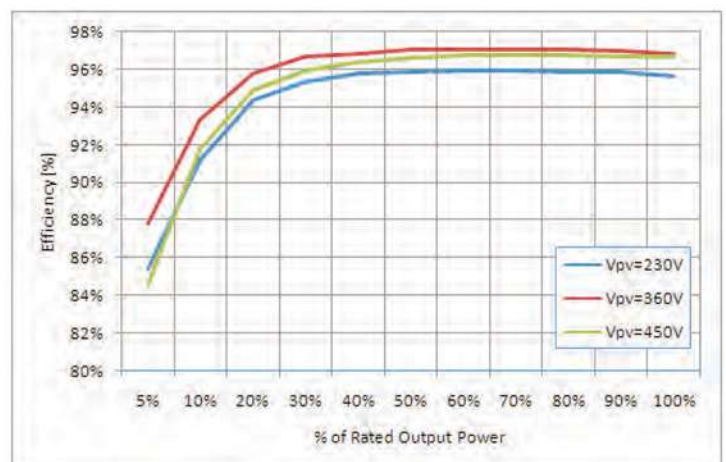
- Detachable cover for easy installation
- Rust-free aluminum covers
- Flexible monitoring solution

Intelligent grid management

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



Efficiency Curve



EVVO 4000TLG2 / 5000TLG2 / 6000TLG2

Single Phase Inverter Dual MPPT

Data Sheet	4000W	5000W	6000W
Input(DC)			
Max. Input power	4400W	5500W	6600W
Max DC power for single MPPT	2600(200V-500V)	3000(200V-500V)	3150(250V-520V)
Number of independent MPPT	2		
Number of DC inputs	1 for each MPPT		
Max. input voltage	600V		
Start-up input voltage	120V		
Rated input voltage	360V		
MPPT voltage range	100V-580V		
Full load DC voltage range	165V-520V	175V-520V	250V-520V
Max. input current per MPPT	13A/13A	15A/15A	
Input short circuit current for each MPPT	16A	18A	
Output(AC)			
Rated power	4000W	5000W	6000W
Max. AC power	4000VA	5000VA	6000VA
Max. output current	17.5A	22A	26A
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)		
Active power adjustable range	0~100%		
THDi	<3%		
Power factor	1 (adjustable +/-0.8)		
Power Limit export	Zero export or adjustable power limit export		
Performance			
Max. efficiency	97.6%		
Weighted eff. (EU/CEC)	97.1%/97.3%		
Self-consumption at night	<1W		
Feed-in start power	20W		
MPPT efficiency	>99.9%		
Protection			
DC reverse polarity protection	Yes		
DC switch	Yes		
Protection class /overvoltage category	I/III		
Input / output MOV (III)	Yes		
Safety protection	Anti islanding, RCMU, Ground fault monitoring		
Certification	IEC 62116, IEC 61727, IEC 61683, IEC 60068(1,2,14,30), IEC62109-1/2 CE, CGC, AS4777, AS3100, VDE 4105, C10-C11, G83/G59 (more available on request)		
SPD	MOV : Type III standard		
Communication			
Standard Communication Mode	WiFi , RS485、GPRS、SD card(optional)		
Operation Data Storage	25 years		
General data			
Ambient temperature range	-25°C...+60°C		
Topology	Transformerless		
Degree of protection	IP65		
Allowable relative humidity range	0...100% no condensing		
Max. operating altitude	2000m		
Noise	<25dB		
Weight	18kg		19kg
Cooling	Natural		
Dimension	344 *478 *170mm		
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

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