



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 fuction (Optional)

Low maintenance cost

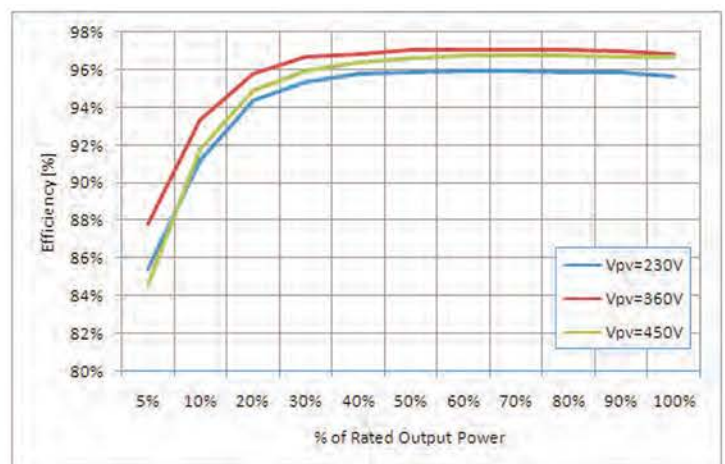
- Detachable cover for easy installation
- Rust-free aluminum covers
- Flexible monitoring solution

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,VDE4105,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		7 years		



World Class Solar String Inverters

www.evvosolar.com | info@evvosolar.com

Evolve Energy Group Company Ltd.

Commercial Centre, Sheung Wan, Hong Kong, Asia.

info@evvosolar.com | www.evvosolar.com

INSTALLATION SUPPORT | SERVICE CENTER IN INDIA

MANUFACTURING HUB

Solar Inverters

EVVO

Shenzhen - China



Part of :

evolve
-Energy Group-



GLOBAL SALES CENTRES

#371, SIDCO Industrial Estate,

North Phase Ambattur, Chennai- 98, India.

sales@evvosolar.com | www.evolveindia.in

+91 98403 87768

Srilanka Office :

Colombo- 11, Srilanka

intl@evvosolar.com | www.evvelanka.com

+91 73388 21798

Authorized Distributors / Dealers