



**Warranty**



**High Performance**



**High Efficiency**

# EVVO

**World Class On Grid Solar Inverters**



Service Help Line  
**1800-572-4090**



# EVVO 20000TLG23P / 25000TLG23P / 30000TLG23P / 33000TLG23P

## Three Phase Inverter Dual MPPT

### High-yield

- Max 98.6% efficiency
- Real time precise MPPT algorithm for max harvest
- Wide input voltage operation range from 230V to 960V

### Flexible and economical system solution

- DC switch
- Built-in PV Combiner
- Power management unit
- Optimum selection for big PV plants, commercial buildings...



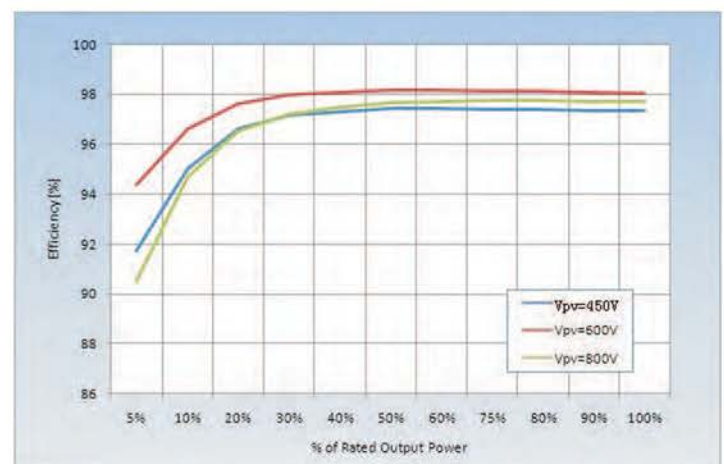
### Low maintenance cost

- Detachable cover for easy installation
- Rust-free aluminum covers
- Flexible monitoring solution
- Multi function relay can be configured to show various inverter information

### Intelligent grid management

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

### Efficiency Curve



# EVVO 20000TLG23P / 25000TLG23P / 30000TLG23P / 33000TLG23P

## Three Phase Inverter Dual MPPT

Data Sheets	20000W	25000W	30000W	33000W
Input(DC)				
Max. Input power	26000W	32500W	39000W	42900W
Max DC power for single MPPT	13000W	16000W	18000W	20000W
Number of independent MPPT	2			
Number of DC inputs	2 for each MPPT	3 for each MPPT		
Max. input voltage	1100V			
Start-up input voltage	250V(+/-1V)			
Rated input voltage	620V	620V	620V	620V
MPPT voltage range	230V-960V			
Full load DC voltage range	480V-850V	460V-850V	520V-850V	580V-850V
Max. input MPPT current	24A/24A	28A/28A	30A/30A	30A/30A
Output(AC)				
Rated power(@230V,50Hz)	20000W	25000W	30000W	33000W
Max. AC power	22000VA	27500VA	33000VA	36300VA
Max. output current	32A	40A	48A	53A
Nominal Grid Voltage	3/N/PE, 230/400Vac			
Grid Voltage Range	310Vac - 480Vac			
Nominal Frequency	50/60Hz			
Grid frequency range	45~55Hz/ 55~65Hz (According to local standard)			
Active power adjustable range	0~100%			
THDi	<3%			
Power factor	1(Adjustable +/-0.8)			
Performance				
Max efficiency	98.2%	98.4%	98.4%	98.6%
European weighted efficiency	98.0%	98.2%	98.2%	98.2%
Self-consumption at night	<1W			
Feed-in start power	45W			
MPPT efficiency	>99.9%			
Protection				
DC reverse polarity protection	Yes			
DC switch	Yes			
Protection class /overvoltage category	I/III			
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,ZVRT,AS4777,AS3100,VDE4105,C10-C11,G59(more available on request)			
ARPC	Anti Reverse Power Controller(optional)			
Communication				
Standard Communication Mode	RS485, Wifi,GPRS(optional), SD card, Multi-function relay			
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	<30dB	<45dB	<45dB	<45dB
Weight	37kg			
Cooling	Natural	Fan	Fan	Fan
Dimension	666*512*254mm			
Display	LCD display			
Warranty	7 years			



World Class Solar String Inverters

[www.evvosolar.com](http://www.evvosolar.com) | [info@evvosolar.com](mailto: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