



Warranty



High Performance



High Efficiency

# EVVO

World Class On Grid Solar Inverters



Service Help Line  
1800-572-4090



# EVVO 3000TL3P / 4000TL3P / 5000TL3P / 6000TL3P / 8000TL3P / 10000TL3P / 12000TL3P

## Three Phase Inverter Dual MPPT

### High-yield

- Max 98.3% efficiency
- Real time precise MPPT algorithm for max harvest
- Wide input voltage operation range from 160V to 960V

### Flexible and economical system solution

- DC switch
- 4 inch screen, English display
- Optimum selection for big PV plants, commercial buildings.

### Low maintenance cost

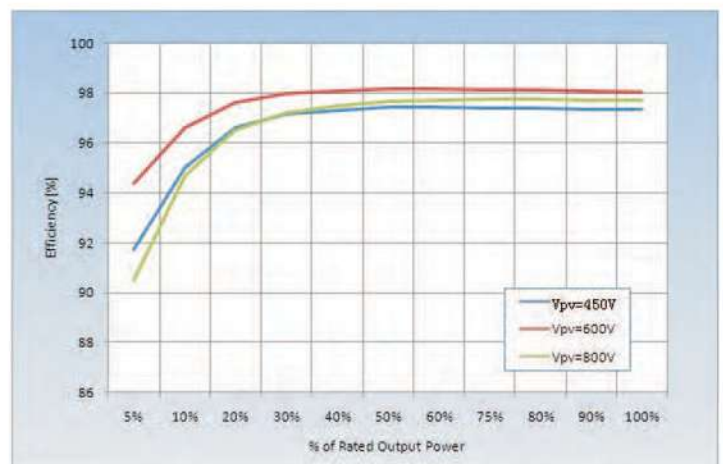
- High power density
- Rust-free aluminum covers
- Flexible monitoring solution
- Small size, lightweight

### Intelligent grid management

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



### Efficiency Curve



# EVVO 3000TL3P / 4000TL3P / 5000TL3P / 6000TL3P / 8000TL3P 10000TL3P / 12000TL3P

## Three Phase Inverter Dual MPPT

Data Sheets	3000W	4000W	5000W	6000W	8000W	10000W	12000W
<b>Input(DC)</b>							
Typical PV Power	3600W	4800W	6000W	7200W	9600W	12000W	14400W
Max DC power per MPPT	3600W(300V-850V)	4800W(440V-850V)	6000W(545V-850V)	7200W(660V-850V)	8800W(800V-850V)	8800W(800V-850V)	8800W(800V-850V)
Number of independent MPPT	2						
Number of DC inputs	1 for each MPPT						
Max. input voltage	1000V						
Start-up input voltage	180V						
Rated input voltage	600V						
MPPT voltage range	160V-960V						
Full load DC voltage range	190V-850V	190V-850V	240V-850V	290V-850V	380V-850V	480V-850V	575V-850V
Max. input current per MPPT	11A/11A						
Input short circuit current for each MPPT	14A						
<b>Output(AC)</b>							
Rated power	3000W	4000W	5000W	6000W	8000W	10000W	12000W
Max. AC power	3000VA	4000VA	5000VA	6000VA	8000VA	10000VA	12000VA
Max. output current	4.8A	6.4A	8.0A	9.6A	12.8A	15.9A	19.1A
Nominal Grid Voltage	3/N/PE,220/380			3/N/PE,230/400	3/N/PE,240/415		
Grid Voltage Range	184V-276V(According to local standard)						
Nominal Frequency	50/60Hz						
Grid frequency range	50Hz, +/-5Hz (According to local standard)						
Active power adjustable range	0~100%						
THDi	<3%						
Power factor	1 (adjustable +/-0.8)						
<b>Performance</b>							
Max. efficiency	98%			98.3%			98.3%
Weighted eff. (EU/CEC)	97.5%			98%			98%
Self-consumption at night				<1W			<1W
Feed-in start power				45W			45W
MPPT efficiency				>99.9%			>99.9%
<b>Protection</b>							
DC reverse polarity protection				Yes			Yes
DC switch				Yes			Yes
Safety protection				Yes			Yes
Certification	IEC 62116, IEC 61727, IEC 61683, IEC 60068(1, 2, 14, 30), IEC 62109-1/2 CE, CGC, AS4777, AS3100, VDE4105, C10-C11, G83/G59 (more available on request)						
ARPC	Anti Reverse Power Controller(optional)						
<b>Communication</b>							
Standard Communication Mode	wifi, GPRS(optional), SD card, RS485						
Operation Data Storage	25 years						
<b>General data</b>							
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	<29dB						
Weight	21kg						22kg
Cooling	Natural						
Dimension	483*452*200 mm						
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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