



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

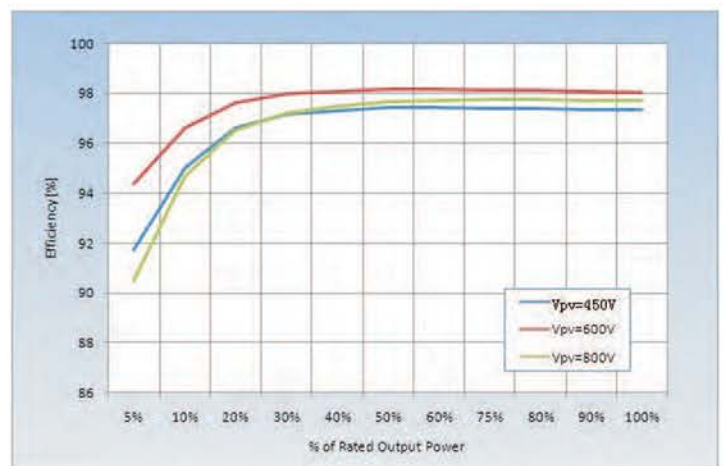
- High power density
- Rust-free aluminum covers
- Flexible monitoring solution
- Small size, lightweight

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
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Input(DC)

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						

Output(AC)

Rated power	3000W	4000W	5000 W	6000 W	8000 W	10000 W	12000 W
Max. AC power	3300VA	4400VA	5500VA	6600VA	8800VA	11000VA	13200VA
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)						

Performance

Max. efficiency	98%	98.3%
Weighted eff. (EU/CEC)	97.5%	98%
Self-consumption at night	<1W	
Feed-in start power	45W	
MPPT efficiency	>99.9%	

Protection

DC reverse polarity protection	Yes						
DC switch	Yes						
Safety protection	Yes						
Certification	IEC 62116, IEC 61727, IEC 61683, IEC 60068(1, 2, 14, 30), IEC 62109-1/2 CE, CGC, AS4777, AS3100, VDE 4105, C10-C11, G83/G59 (more available on request)						
ARPC	Anti Reverse Power Controller(optional)						

Communication

Standard Communication Mode	wifi , GPRS(optional), SD card, RS485						
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	<29dB		
Weight	21kg	22kg	
Cooling	Natural		
Dimension	483*452*200mm		
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

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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