



**Warranty**



**High Performance**



**High Efficiency**

# EVVO

**World Class On Grid Solar Inverters**



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



# EVVO 15000TL3P

## Three Phase Inverter Dual MPPT

### High-yield

- Max 98.2% efficiency
- Real time precise MPPT algorithm for max harvest
- Wide input voltage operation range from 250V to 960V

### Flexible and economical system solution

- DC switch
- DC surge protection device ( option )
- AC surge protection device ( option )
- Power management unit
- Optimum selection for big PV plants, commercial buildings...

### Low maintenance cost

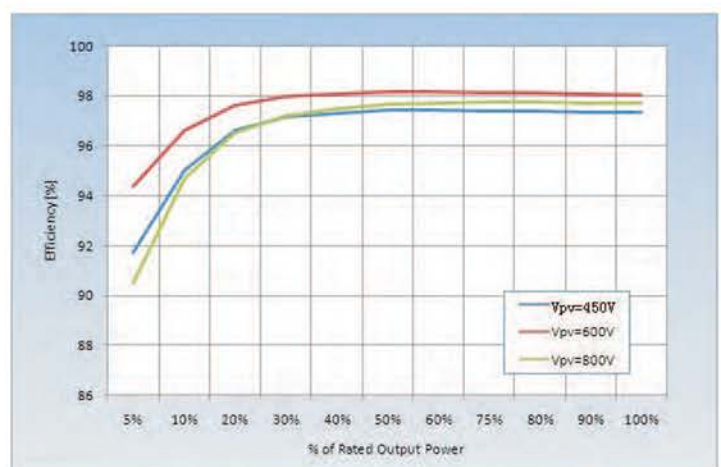
- Detachable cover for easy installation
- Rust-free aluminum covers
- Flexible monitoring solution
- Multi function relay can be configured to show various inverter information

### Intelligent grid management

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



### Efficiency Curve



# EVVO 15000TL3P

## Three Phase Inverter Dual MPPT

Data Sheets		15000W
<b>Input(DC)</b>		
Max. Input power		16500W
Max DC power for single MPPT		10500(500V-850V)
Number of independent MPPT		2
Number of DC inputs		2 for each MPPT
Max. input voltage		1000V
Start-up input voltage		350V
Rated input voltage		600V
MPPT voltage range		250V-960V
Full load DC voltage range		370V-850V
Max. input current per MPPT		21A/21A
Input short circuit current for each MPPT		27A
<b>Output(AC)</b>		
Rated power(@230V,50Hz)		15000W
Max. AC power		15000VA
Max. output current		22A
Nominal Grid Voltage		3/N/PE,220/380 or 3/N/PE,240/415 or 3/N/PE,230/400
Grid Voltage Range		180V ~ 270V
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)
<b>Performance</b>		
Max efficiency		98.2%
Weighted eff. (EU/CEC)		97.9%/98%
Self-consumption at night		<1W
Feed-in start power		45W
MPPT efficiency		>99.9%
<b>Protection</b>		
DC reverse polarity protection		Yes
DC switch		Yes
Protection class /overvoltage category		I/III
Input/output SPD(II)		Optional
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,G59(more available on request)
SPD		MOV : Type III standard / Type II optional
ARPC		Anti Reverse Power Controller(optional)
<b>Communication</b>		
Standard Communication Mode		RS485, Wifi, GPRS(optional),SD card, Multi-function relay
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		<45dB
Weight		45kg
Cooling		Natural
Dimension		707*492*240mm
Display		LCD display
Warranty		7 years



World Class Solar String Inverters

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