

# EVVO 4000TLG2 / 5000TLG2 / 6000TLG2

## Single Phase Inverter Dual MPPT

Data Sheet	4000W	5000W	6000W
<b>Input(DC)</b>			
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	
<b>Output(AC)</b>			
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		
<b>Performance</b>			
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%		
<b>Protection</b>			
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, VDE 4105, C10-C11, G83/G59 (more available on request)		
SPD	MOV : Type III standard		
<b>Communication</b>			
Standard Communication Mode	WiFi , RS485、GPRS、SD card(optional)		
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	<25dB		
Weight	18kg		19kg
Cooling	Natural		
Dimension	344 * 478 * 170mm		
Display	LCD display		
Warranty	10 years		