

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

## Three Phase Inverter Dual MPPT

Data Sheets	20000W	25000W	30000W	33000W
<b>Input(DC)</b>				
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
<b>Output(AC)</b>				
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)			
<b>Performance</b>				
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%			
<b>Protection</b>				
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)			
<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	<30dB	<45dB	<45dB	<45dB
Weight	37kg			
Cooling	Natural	Fan	Fan	Fan
Dimension	666*512*254mm			
Display	LCD display			
Warranty	10 years			