

# EVVO 15000TLG23P

## Three Phase Inverter Dual MPPT

Data Sheets		15000W
<b>Input (DC)</b>		
Max. PV input power		18000W
Max DC power for single MPPT		11000W/7500W
Number for independent MPPT		2
Number for DC inputs		3
Max. input voltage		1000V
Start-up input voltage		180V
Rated input voltage		600V
MPPT voltage range		160V-960V
Full load DC voltage range		500V-850V
Max. input MPPT current		21A/11A
Maximun DC input short circuit current per MPPT		30A/15A
<b>Output (AC)</b>		
Rated power		16500W
Max. AC power		16500VA
Max. Output current		3*24A
Nominal grid voltage		3/N/PE, 220/380Vac, 230/400Vac, 240/415Vac
Grid voltage range		310Vac-480Vac (According to local standard)
Nominal frequency		50/60Hz
Grid Frequency range		45Hz-55Hz/54Hz-66Hz (According to local standard)
Active power adjustable range		0~100%
THDi		<3%
Power factor		1 default (+/-0.8 adjustable)
<b>Performance</b>		
Max efficiency		98.3%
European weighted efficiency		98.0%
Self-consumption at night		<1W
MPPT efficiency		>99.9%
<b>Protection</b>		
DC reverse polarity protection		Yes
DC switch		Yes
ARPC		Anti reverse power controller (optional)
Safety protection		Anti islanding, RCMU, Ground fault monitoring
<b>Communication</b>		
Power management unit		According to certification and request
Standard communication mode		RS485, Wifi/Ethernet/GPRS (optional), SD card
Operation data storage		25 years
<b>General Data</b>		
Ambient temperature range		-25°C~+60°C
Topology		Transformer-less
Degree of protection		IP65
Allowable relative humidity range		0~100%
Max. Operating altitude		2000m
Noise		<45dB
Weight		25kg
Cooling		Fan
Dimension		539*452*202mm
Display		LCD display
Warranty		10 Years
<b>Standard</b>		
EMC		EN 61000-6-1, EN 61000-6-3
Safety standards		IEC62109-1/2, IEC62116, IEC61727, IEC-61683, IEC60068(1,2,14,30)
Grid standards		AS/NZS 4777, VDE-AR-N 4105, CEI 0-21, EN50438/EN50549, V 0126-1-1, NB/T32004