



# SOLENSO

## THREE PHASE & DUAL MPPT

PWT\_6000/8000/10000/12000/15000W

Application: Family Use



### SUPERIOR EFFICIENCY

- Maximum efficiency 98.1%
- String current 13A, compatible with high power modules
- 150% PV configuration, 110% output overload



### HIGH RELIABILITY

- Natural Cooling
- Die-cast aluminum case
- APP for local settings & display



### INTELLIGENT MAINTENANCE

- Easy installation, light weight and small size
- Remote configuration and upgrade
- Supports export control



Model	PWT_6000W	PWT_8000W	PWT_10000W	PWT_12000W	PWT_15000W
<b>Efficiency</b>					
Max. Efficiency	97.9%	98.0%	98.0%	98.1%	98.1%
European Efficiency	97.3%	97.4%	97.5%	97.6%	97.6%
<b>Input(PV)</b>					
Max. Input Voltage			1000V		
Max. PV configuration (STC)			150%		
Rated Input Voltage			620V		
Max. Input Current		26A (2*13A)		39A (2*13A+13A)	
Max.Short Circuit Current		30A (2*15A)		45A (2*15A+15A)	
Start Input Voltage			200V		
MPPT Operating Voltage Range			160V-950V		
Max. Number of PV Strings		2(1/1)		3(2/1)	
No. of MPPTs			2		
<b>Output(Grid)</b>					
Rated AC Active Power	6,000W	8,000W	10,000W	12,000W	15,000W
Max. AC Apparent Power	6,600VA	8,800VA	11,000VA	13,200VA	16,500VA
Max. AC Active Power (PF=1)	6,600W	8,800W	11,000W	13,200W	16,500W
Max. AC Output Current	3*10A	3*13A	3*16A	3*18.2A	3*22.7A
Rated AC Voltage			380V/400V, 3W+N+PE		
AC Voltage Range①			277V-520V (adjustable)		
Rated Grid Frequency			50Hz / 60Hz		
Grid Frequency Range②			45Hz-55Hz / 55Hz-65Hz (Adjustable)		
THDI			<3% (Rated Power)		
DC Current Injection			<0.5%In		
Power Factor			>0.99 Rated power (Adjustable 0.8 Leading-0.8 Lagging)		
<b>Protection</b>					
DC switch			Support		
Anti-islanding protection			Support		
AC overcurrent protection			Support		
AC short circuit protection			Support		
DC reverse connection			Support		
Surge Arrester			ACType III		
Insulation detection			Support		
Leakage current protection			Support		
<b>General</b>					
Topology			Transformerless		
IP Rating			IP65		
Night Self Consumption			<1W		
Cooling			Natural cooling		
Operating Temperature Range			-25°C-60°C		
Relative Humidity Range			0-100%		
Max. Operating Altitude			4000m		
Noise			<30dB		
Dimensions (W*H*D)			400*500*190mm		
Weight		18.9kg			21.8kg
<b>HMI &amp; COM</b>					
Display			Wireless & APP+LED, LCD (Optional)		
Communication			RS485 / WiFi , GPRS / 4G / LAN (Optional)		
<b>Certification</b>					
Safety			IEC62109-1, IEC62109-2		
EMC			EN 61000-6-1/3		
Grid Code			VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, UNE 217001		
Warranty			5 Years		

Remarks: • ①②The range of output voltage and frequency may vary depending upon different grid codes.  
• Specifications are subject to change without advance notice.