



Solenso



SOLENSO

THREE PHASE & DUAL MPPT

PWT_6000/8000/10000/12000/15000W

Application: Family Use



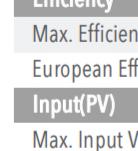
SUPERIOR EFFICIENCY

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



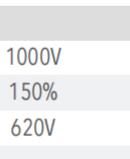
HIGH RELIABILITY

- 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
Efficiency					
Max. Efficiency	97.9%	98.0%	98.0%	98.1%	98.1%
European Efficiency	97.3%	97.4%	97.5%	97.6%	97.6%
Input(PV)					
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			
Output(Grid)					
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)			
Protection					
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			
General					
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		
HMI & COM					
Display		Wireless & APP+LED, LCD (Optional)			
Communication		RS485 / WiFi , GPRS / 4G / LAN (Optional)			
Certification					
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.