






TBEA



TC1000KHP/TC1250KHP

-  Low line loss and the system efficiency increased by over 1%.
-  The initial investment of the power station is reduced by 1.7%.
-  Quantity of core equipment is reduced and the operation and maintenance cost of the system is reduced by 30%~50%.
-  The electric energy quality is much better and the grid-connected current THDi is less than 3%.
-  Modularized pre-maintenance design effectively reduces the maintenance cost of the power station.



Company Website



Wechat Platform

Model	TC1000KHP	TC1250KHP
Input(DC)		
Max.DC Power	1134kW	1403kW
Max.DC Voltage	1500V	
MPPT Voltage Range	800V~1250V	900V~1300V
Max.DC Current	1418A	1559A
Max. Number of Inputs	8	
Output(AC)		
Rated AC Power	1000kW	1250kW
Max. AC Power*	1100kVA	1375kVA
Rated AC Voltage	550V	630V
Rated output current	1050A	1145A
Max.output current	1155A	1260A
Rated Grid Frequency	50/60Hz	
THD of AC Current	<3%	
Adjustble Power Factor	0.8(leading)-0.8(lagging),adjustable	
Efficiency		
Max. Efficiency	99%	
European Weighted Efficiency	98.7%	
Environmental parameters		
Ambient Temperature Range	-25℃ to 60℃ (Above 50℃, derating)	
Ambient Humidity Range	5% to 95%(no condensation)	
Max. Operating Altitude	4000m,without derating ≤3000m	
Cooling Method	Forced air cooling	
Protection Rating	IP20	
Protection Function		
Over-voltage/under-voltage Protection	Yes	
Over-frequency/under-frequency Protection	Yes	
ZVRT	Yes	
Anti-islanding Protection	Yes	
Stand-alone Grid Detection	Yes	
Over-current Protection	Yes	
Anti-discharge Protection	Yes	
Overload Protection	Yes	
Lightning Protection	Yes	
Display and Communication		
Display	LCD	
Communication Interface	RS485,Ethernet(Optional)	
Communication	Modbus	
Mechanical Data		
Dimension(W/H/D)	1400mm × 2150mm × 850mm	
Weight	1500kg	