

TIANYUAN 200K

Power Conversion System

WEIHENG



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* The product features a shiny silver color design with a mirror-like logo, which exhibits subtle color variations under different lighting conditions.



Support 1500Vdc battery system with higher efficiency



Rack-level management and capacity management



Modular design, easy O&M



Support active and reactive power response with four-quadrant operation



Tri-Level, max efficiency 99%



IP66 protection, optimal heat dissipation solution with high environmental adaptability



Supports high and low voltage crossings to support the grid



Pass UL/CSA certification, GB/T 34120-2023

Text and images correspond to the current state of technology at the time of printing. Subject to modifications. All information is without guarantee in spite of careful editing-liability excluded.

TIANYUAN 200K Series

Technical Specifications



Model	WH-TAA-184	WH-TAA-214	WH-TAA-234
DC Parameters			
Max. Power (kW)	188	217	239
DC Voltage Operating Range (V)	1000...1500	1000...1500	1000...1500
Full Load Operating Voltage Range DC (V)	1000...1500	1000...1500	1050...1500
Max. DC Current (A)	188	217	227
AC Parameters (On-grid)			
Rated Power (kW)	186	215	237
Rated Output Current (A)	156	180	198
Rated Voltage AC (V)	690		
Rated Frequency AC (Hz)	50/60		
AC Wiring Method	3W+PE		
THDi	<3% (Rated Output Power)		
Power Factor	-1...+1		
Max. Efficiency	99%		
General Data			
Protection Level	IP66		
Inverter Topology	Non-isolated		
Operating Humidity Range	0~100% (Non-condensing)		
Noise (dB)	<75		
Operating Temperature Range	-40°C ...+60°C (Derating @ >50°C)		
Cooling Method	Smart Air		
Altitude	4000m (derating@ >2000m)		
Communication Protocols	RS485 / CAN / Ethernet		
Dimensions (W*D*H) (mm)	600*290*1050		
Weight (kg)	98		

*Product dimensions and parameters are subject to change without notice. The latest information shall prevail.