

TIANWU CONTROL CABINET

C&I control cabinet

WEIHENG



Product Introduction

TIANWU Control Cabinet Series, an intelligent AC controller designed for TIANWU-AIO and other commercial and industrial energy storage systems. The modular design ensures easy functionality expansion and maintenance, making it adaptable to a variety of complex scenarios.



Commercial and industrial
energy storage +
emergency power backup



Mobile Energy
Storage System



PV storage
charging station

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TIANWU-100TS Series

Technical Specifications

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Model	WH- TIANWU-100TS(DC100)-A	WH- TIANWU-100TS-A
DC Parameters		
Max. Power (kW)	110	
DC Voltage Operating Range (V)	600...950	
Max. DC Current (A)	220	
PV Parameters		
Rated Power (kW)	100	/
Max. Output Power (kW)	110	/
DC Voltage Operating Range (V)	250...545	/
Full Load Operating Voltage Range (V)	315...545	/
Max. Current on the Low-voltage Side (A)	320	/
AC Parameters (on-grid)		
Rated Power (kW)	100	
Max. Output Power (kW)	110	
Rated Output Current (A)	144	
Rated Frequency AC (Hz)	50 (±5)	
Rated Voltage AC (V)	400	
AC Wiring Method	3W+N+PE	
Power Factor	-1...+1	
AC Parameters (off-grid)		
Rated Power (kW)	100	
Rated Voltage (V)	400	
Switch Time (ms)	< 20	
General Data		
Protection Level	IP55	
Inverter Topology	Transformer isolation	
Operating Humidity Range	0...95% (non-condensing)	
Noise (dB)	< 75	
Operating Temperature Range	-20°C...+55°C (derating @ >45°C))	
Cooling Method	Air cooling	
Altitude (m)	2000	
Communication Protocols	RS485/CAN/Ethernet	
Dimensions (W*D*H) (mm)	1000*1350*2100	
Weight (t)	~1	~0.9

*The dimensions and weights in the table are for outdoor models with transformers, and the weight may be adjusted according to changes in the model and module.