

TIANWU CONTROL CABINET

C&I control cabinet



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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

TIANWU-100TS Series

Technical Specifications



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.