

PC-G1 (TIANWU)

C&I All-in-One Energy Storage System
50-100kW / 233kWh



Smart Power, Built to Last. |||

CATL 280 Ah
Battery Packs

< **1 Day**
Installation Time

UL9540A
Certified

PPB level
Battery Quality Control¹

Powered by
WHES OS



Economical

- Highly integrated ESS for easy transportation and O&M.
- The integrated design allows the site to be quickly set up and used.

Safe

- IEC 62933, UL9540A certified.
- Four-level protection (Pack-Rack-PCS-System), independent MSD.
- Smoke & heat detectors; audible & visual alarm; aerosol suppression.

Applications

Shopping Mall

Farm

Factory

Community

Contact Us

www.whes.com
info@whes.com



¹Reduced the failure rate of cells to one part per billion.

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Technical Specifications

Model	WH-TIANWU-50-233B	WH-TIANWU-100-233B
System Parameters		
Rated Capacity	233 kWh	
Rated Voltage DC	832 V	
Max. DC Voltage	936 V	
DC Voltage Operating Range	728...936 V	
Battery Type	LFP (LiFePO4)	
Cell Specification	3.2 V 280 Ah	
Connection Mode	1P260S	
AC Parameters		
Input Start-up Voltage	680 V	
Rated Power	50 kW	100 kW
Max. Output Power	50 kW	100 kW
Rated Output Power in VA	50 kVA	100 kVA
Rated Output Current	72 A	144 A
Rated Voltage AC	400V, 3P+N+PE	
Rated Frequency AC	50 Hz	
Max. THD of Current	< 3%	
Power Factor	-1...+1	
General Data		
Overvoltage Category (OVC)	II for DC Side III for AC Side	
Method of Active Anti-islanding	Frequency shift	
Protective Class	IP55	
Cooling Method	Air cooling (PCS) Liquid cooling (Battery)	
Altitude	2000 m	
Communication Protocols	Modbus, TCP/IP	
Dimensions (W*D*H)	1400*1350*2100 mm	
Weight	~2700 kg	
Manufacture Country	China	