

COS 233 Containeropslag 100 kW/233kWh

Veilig & betrouwbaar

- CATL LFP accu cellen
- Dubbel brand preventie systeem
- Waterdicht met ingebouwde airco en verwarming
- Batterij vloeistof gekoeld
- Geluidsarm

Eenvoudig & gebruiksvriendelijk

- Eenvoudige installatie ter plaatse
- Geïntegreerde BMS/EMS
- Inclusief gebruiksvriendelijke app

Economisch & efficiënt

- Beschik over je eigen energiecentrale
- Minder afhankelijk van het net
- Besparing op je energiekosten



Algemene informatie

Accu type	LFP
Totale opslagcapaciteit	233kWh
Hybride omvormer	100kW
Afmetingen	1400x1350x2100mm
Gewicht	~2700kg
IP soort	IP54
Cycli	10.000
Garantie	10 jaar

Battery Parameters

Rated capacity	233kWh
Rated voltage DC	832V
Battery type	LFP (from CATL)
Cell specification	3.2V 280Ah
System battery configuration	1P*52S*5S

AC Parameters

Rated power	100kW
Max. Output Power	110kW
Rated voltage AC	380V, 3P+N+PE
Rated frequency AC	50/60Hz
Max. THD of current	<3% (at nominal power)
Power factor	-1~+1

General Data

Protection level	IP54
Inverter topology	Non-isolated
Operating temperature range	-20~55 (derating @ > 45)
Cooling method	Liquid cooling (PCS) Liquid cooling (Battery)
Altitude	2000m
Communication protocols	Modbus, TCP/IP
Dimensions (W*D*H)	1400x1350x2100mm
Weight	~2700kg

*The final technical parameters may be adjusted according to the certification standards.

*WH-TIANWU-100-233B will be launched to the market first.

Economical

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

Liquid cooling

The temperature deviance of battery cells in the whole system is within 3°C, due to intelligent liquid cooling system. It can expand the life time of the battery cells up to 20%.

Safe

The system has four levels management structure which can accurately provide short circuit protection, over current protection, over voltage protection, under voltage protection, over temperature protection, etc.

