ONBIPV

ONB-B261



ALL-IN-ONE BATTERY SOLUTION

ADVANTAGES

- **High Safety:** LFP cells combined with an aerosol fire protection system ensure intrinsic safety for commercial & industrial deployment.
- **Long Lifespan:** Liquid cooling thermal management delivers up to 6,000 cycles, reducing LCOE over the full system life cycle.
- **High Energy Density:** Up to 88% system efficiency at half-load, with low conversion losses for economical daily operation.
- **Plug & Play:** Compact footprint, flexible layout, supports multi-unitparallel connection.
- **Easy Maintenance:** 400V low-voltage grid connection eliminates extra step-up equipment — fast installation,minimal engineering cost.

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Product type	ONB-B261

01 DC Parameters

Rated energy	261kWh
Cell type	LFP 3.2V/314Ah
Battery voltage range	728~936V
Battery pack configuration	52.2kWh/1P52S
Battery system configuration	261kWh/1P260S

02 AC Parameters

AC rated power	125kW
Max. AC power	137.5kW
Rated grid voltage	400V
Rated grid frequency	50Hz
THDi	≤3% (full load)
Power factor	-1~1
Dc component	≤0.5%

03 System Parameters

Dimensions (W x H x D)	1000*1300*2400mm
Weight	2500kg
Operating Temperature	-20℃~50℃(> 45℃ derating)
Max. system efficiency	≥88%&0.5P
Cooling method	Liquid cooling
Depth of discharge	95%DOD
Cycle life	6000cycles
Fire protection system	Aerosol
Protection level	IP54
Communication port	LAN/485

04 Complied Standards

RoHS·IEC 62477-1·IEC 61000-6-2·IEC 61683·VDE 4120·EN 50549

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