

STAR H-232 ^{DE}

- All-in-One Cabinet
- CATL LFP 280Ah
- 115kW | 232kWh



Flexible Application

All-in-One Design
Plug-and-Play
Zero-Gap Parallel Connection

Accurate Liquid Cooling

Temperature Difference $\leq 3^{\circ}\text{C}$
Extend Battery Lifespan

Ultimate Safety

3+2+2 Safety Protection
Precision Fire Alarm Position
Real Time Insulation Monitoring

Intelligent Power Management

EMS Ensures System Safety
Cloud Platform Monitors Status

Product Specifications



PRODUCT MODEL	STAR H-232
BATTERY SPECIFICATIONS	
Battery Type	LFP
Battery Model	280Ah
Energy Capacity	232kWh
Voltage Range	728 ~ 936VDC
P-rate	0.5P
Certifications	UN 38.3, UN 3480, UL 9540A, IEC 62619, IEC 61000-6-2/-4, IEC 62477-1, IEC 63056
PCS SPECIFICATIONS	
Rated AC Power	115kW (125kW derated for use)
Rated Grid Voltage	400Vac
Total Harmonic Distortion	<3%
Rated Grid Frequency	50/60Hz
Peak Efficiency	98%
Power Factor	-1 to 1, continuously adjustable
Certifications	EN50549, VDE-AR-N 4105, VDE-AR-N 4110, IEC62477, IEC61000-6-2, IEC61000-6-4
GENERAL SPECIFICATIONS	
Cooling Method	Cell: Liquid Cooling PCS: Air Cooling
Operating Temperature Range	-25 ~ 55 °C (>45°C derating)
Relative Humidity Range	0 ~ 95% (No Condensation)
Max. Working Altitude	4000m (>2000m derating)
Fire Safety Equipment	Aerosol, Smoke detector, Heat detector, Flammable gas detector (optional), Deflagration venting pannel (optional)
Battery Compartment Ingress Protection	IP65
System Dimensions (W×D×H)	≈1500×1300×2050mm
Weight	≈2.6T

* If there are any changes in product size and parameters, please refer to the latest information.