

NCV-STAR-H0232-specs



Battery Specifications

Item	Specification
Battery Type	LFP
Battery Model	280Ah
Energy Capacity	232kWh
Voltage Range	728 ~ 936VDC
P-rate	0.5P
Compliance	UN 38.3, UN 3480, UL 1973, UL 9540A, UL9540, IEC 62619, IEC 61000-6-2/-4, IEC 62477-1, IEC 60356, IEC 60730-1

PCS Specifications

Item	Specification
Rated AC Power	100kW
Rated Grid Voltage	400/480Vac
Total Harmonic Distortion	<3%
Rated Grid Frequency	50/60Hz
Peak Efficiency	98%
Power Factor	-1 to 1, continuously adjustable
Compliance	EN 50549, G99, VDE AR-N 4105, NTS Spain, IEC 62477, IEC 61000-6-2, IEC 61000-6-4, UL 1741, IEEE1547:2018, UL1741 SB

General Specifications

Item	Specification
Cooling Method	Liquid 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 vent (optional), Dry pipe (optional)
Battery Compartment Ingress Protection	IP65
System Dimensions (W×D×H)	≈1500×1300×2000 mm
Weight	≈3.5T
Isolation Transformer	Off-Grid Required