

HaloDyne-HV 75/150,125/150 (Na⁺NFPP)



All-in-One BESS

Parallel up to 20 units together to create max.3MWh of storage.

Plug and Play Sodium Ion solution for:

Extreme hot and cold climate

Lithium prohibited applications

Safe Transport at 0.0 volts

Features:



Application:



Commercial Buildings



Industrial Parks



Data Center



Hotels and Residences

Technical Specifications

	Item	HaloDyne-HV-75/150	HaloDyne-HV-125/150
AC Information	Rated Voltage	400V	400V
	Voltage Range	300V~460V	300V~460V
	Rated Power	75kW	125kW
	Maximum Power	90kW	150kW
	Rated Frequency	50/60Hz	50/60Hz
	Wiring Method	Standard Connection	Three-Phase Four-Wire
DC Information	Rated Voltage	837.9VDC	837.9VDC
	Voltage Range	588.00~970VDC	588.00~970VDC
	Rated Charging/Discharging Power	75kW	125kW
	Max Charge/Discharge Current	128A	212A
	Nominal Capacity	150.882kWh	125.685kWh
System Information	Battery Configuration	1P294	1P294
	Battery Type	Sodium-ion,180Ah,2.85V	Sodium-ion,180Ah,2.85V
	Power Factor	> 0.99	> 0.99
Basic Information	Maximum Conversion Efficiency	90%	90%
	Cooling Method	Air Conditioning Cooling	Air Conditioning Cooling
	Fire Protection Medium	Aerosol	Aerosol
	Operating Altitude	≤2000m, Derating at 4000m	≤2000m, Derating at 4000m
	Protection Level	≥IP54	≥IP54
	Corrosion Resistance Level	C4H	C4H
	Dimensions(W*D*H)	1400*1700*2100(mm)	1400*1700*2100(mm)
	Weight	≤2.7t	≤2.7t
	Communication Protocol	Modbus TCP	Modbus TCP
	Units in Parallel Connection	On Grid up to 32; Off Grid up to 6	
	BMS	Integration	
	EMS	Local integration	
	User Interface	Modbus TCP/IP, IEC 61850, IEC 104, CAN	
	Remote Monitoring	4G Ethernet	
		Inverter	AS4777 Compliant Grid-tie Inverter
Compliance Standards	UN 38.3, UN 3551, UN3552, IEC 61000, IEC 62619, IEC 62477,IEC 60529		