

• Features and advantages



WiFi remote
monitoring



Aerosol
fire protection



High waterproof
strength



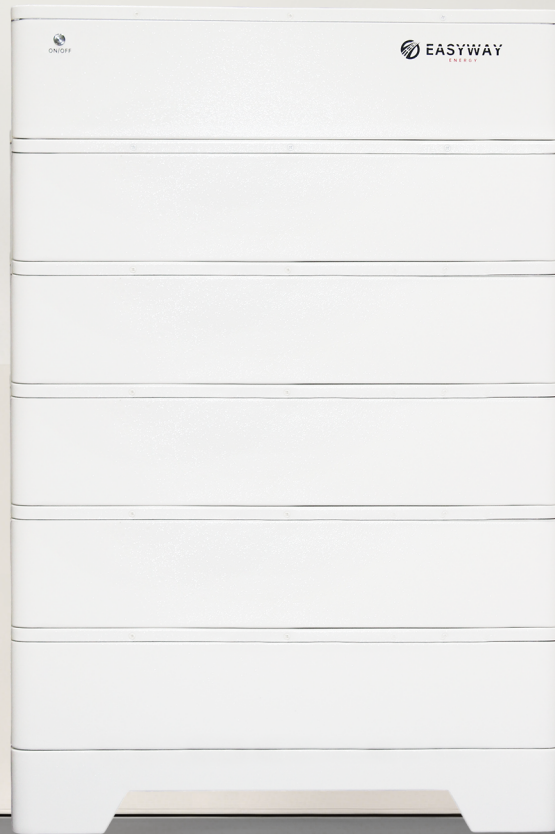
Superior BMS with
branded battery cells

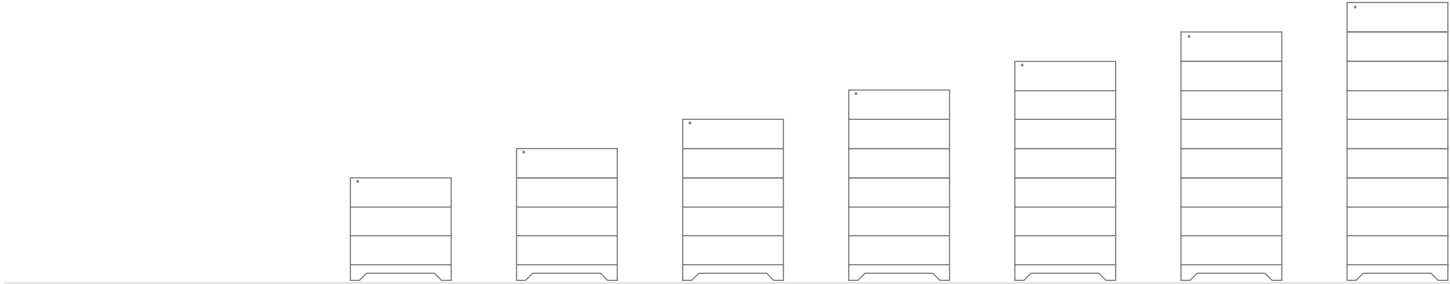


Large capacity range:
15.36~61.44 kWh



Wide
compatibility





Specification							
	UNIV-HVST15k	UNIV-HVST23k	UNIV-HVST31k	UNIV-HVST38k	UNIV-HVST46k	UNIV-HVST54k	UNIV-HVST62k

Component	2*Modules 1*Control Box 1*Base	3*Modules 1*Control Box 1*Base	4*Modules 1*Control Box 1*Base	5*Modules 1*Control Box 1*Base	6*Modules 1*Control Box 1*Base	7*Modules 1*Control Box 1*Base	8*Modules 1*Control Box 1*Base
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BATTERY PARAMETERS

Total Energy (kWh)		15.36	23.04	30.72	38.4	46.08	53.76	61.44
Useable Energy (kWh)		14.44	21.66	28.88	36.10	43.32	50.53	57.75
Nominal Voltage (Vdc)		153.6	230.4	307.2	384	460.8	537.6	614.4
Voltage Range (Vdc)		134.4 ~ 172.8	201.6 ~ 259.2	268.8 ~ 345.6	336 ~ 432	403.2 ~ 518.4	470.4 ~ 604.8	537.6 ~ 691.2
Rated Capacity (Ah)		100						
Recommend Current (A)	Charge	50						
	Discharge	50						
Recommend Using DOD		90%						
Dimension (W *H* D) (mm)		660*550*450	660*695*450	660*840*450	660*985*450	660*1130*450	660*1275*450	660*1420*450
Weight (KG)		154	217	280	343	406	469	532
Communication		CAN/RS485/Wi-Fi						
Compatible Inverters		Solis/GoodWe/Growatt/Solinteg/etc.						
Operation Temperature	Charge	0℃ ~ 55℃						
	Discharge	-20℃ ~ 55℃						
Storage Temperature		-20℃ ~ 55℃						
IP Rating		IP65						
Installation Type		Stackable						
Cooling Type		Natural						
Altitude		≤2000 m						

CERTIFICATION AND SAFETY

Fire Protection System	Built-in aerosol fire extinguisher
Cycle life	≥6000 Cycles
Certification	UN38.3/MSDS/IEC 62619/CE-EMC/CE-RED

Test conditions:0.2C Charge/Discharge, 25℃, 90% DOD, 70% EOL