EASYWAY
ENERGY

Lithium Battery Pack
High Voltage Series

UNIV High-voltage batteries feature higher energy density, storing significant electrical energy in a compact, lightweight form. They deliver higher voltage output, reducing current and energy loss for improved efficiency. Moreover, these batteries offer a longer lifespan, decreasing replacement frequency and maintenance costs. Additionally, the system increases voltage and capacity through module series connection to meet customer needs. Each battery pack includes an Intelligent Battery Control Unit, ensuring safe and efficient operation.

Features And Advantages

Simple Installation Design

WaterProofing

24/7 online service

Superior BMS with Brand Battery Cell

Large Capacity range : 10kWh—30kWh

Wide Compatibility

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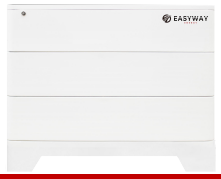
Lithium Battery

Modular Stackable Series(HV)



Specification

MODEL		UNIV-HV ST10k	UNIV-HV ST15k
Component		2*Modules 1*Control Box 1*Base	3*Modules 1*Control Box 1*Base
BATTERY PARAMETERS			
Total Energy (kWh)		9.98	14.97
Useable Energy (kWh)		9.38	14.07
Nominal Voltage (Vd.c)		192	288
Voltage Range (Vd.c)		168 ~ 216	252 ~ 324
Rated Capacity (Ah)		52	
Recommend Current (A)	Charge	25	
	Discharge	25	
Recommend Using DOD		90%	
Dimension (W *H* D) (mm)		620*610*360	620*780*360
Weight (KG)		103.5	146
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance	
Communication		CAN/RS485	
OPERATING CONDITION			
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)	
	Discharge	-20°C ~ 55°C (-4°F ~ 131°F)	
Storage Temperature		-20°C ~ 55°C (-4°F ~ 131°F)	
IP Rating		IP65	
Installation Type		Stackable	
Cooling Type		Natural	
Operating Environment		Indoor (5% ~ 95%(RH) No Condensing)	
Altitude		≤2000 m	
CERTIFICATION AND SAFETY			
Warranty		10 Years	
Operation Life		15+ Years (25°C/77 °F)	
Cycle Life		≥8000@25℃	
Certification		CE/Cell UL 1973	
Transportation Certification		UN38.3/MSDS	

The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.

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Lithium Battery

Modular Stackable Series(HV)

Specification

MODEL		UNIV-HV ST20k	UNIV-HV ST25k	UNIV-HV ST30k
Component		4*Modules 1*Control Box 1*Base	5*Modules 1*Control Box 1*Base	6*Modules 1*Control Box 1*Base
BATTERY PARAMETERS				
Total Energy (kWh)		19.97	24.96	29.95
Useable Energy (kWh)		18.77	23.46	28.15
Nominal Voltage (Vd.c)		384	480	576
Voltage Range (Vd.c)		336 ~ 432	420 ~ 540	504 ~ 648
Rated Capacity (Ah)		52		
Recommend Current (A)	Charge	25		
	Discharge	25		
Recommend Using DOD		90%		
Dimension (W *H* D) (mm)		620*950*360	620*1120*360	620*1290*360
Weight (KG)		188.5	231	273.5
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance		
Communication		CAN/RS485		
OPERATING CONDITION				
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)		
	Discharge	-20°C ~ 55°C (-4°F ~ 131°F)		
Storage Temperature		-20°C ~ 55°C (-4°F ~ 131°F)		
IP Rating		IP65		
Installation Type		Stackable		
Cooling Type		Natural		
Operating Environment		Indoor (5% ~ 95%(RH) No Condensing)		
Altitude		≤2000 m		
CERTIFICATION AND SAFETY				
Warranty		5+5 Years		
Operation Life		15+ Years (25°C/77 °F)		
Cycle Life		≥8000@25℃		
Certification		CE/Cell UL 1973		
Transportation Certification		UN38.3/MSDS		

The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.