EASYWAY
ENERGY

Lithium Battery Pack
High Voltage Series

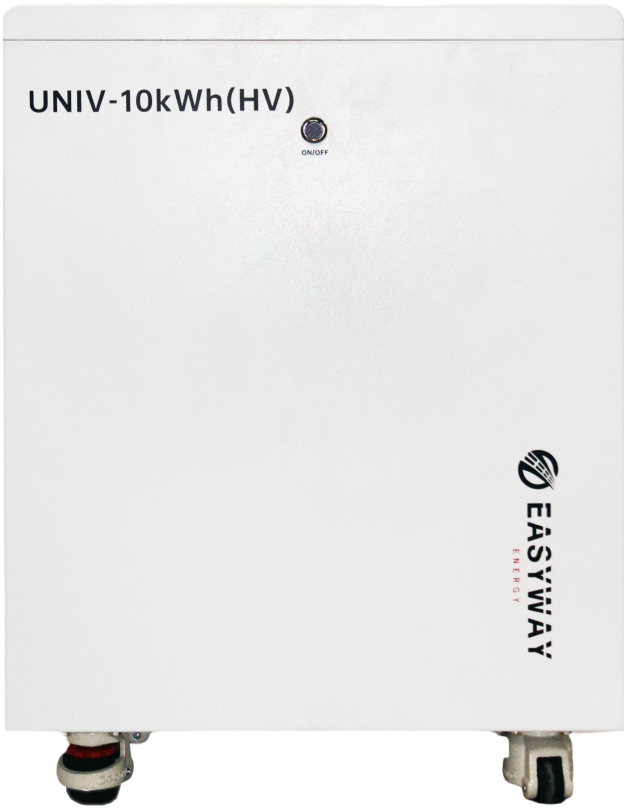
UNIV High-voltage batteries feature higher energy density, storing significant electrical energy in a compact, lightweight form. They deliver higher voltage output, reducing current and energy loss for improved efficiency. Moreover, these batteries offer a longer lifespan, decreasing replacement frequency 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

Real-time Date Monitoring with Bluetooth

10 Years Warranty



Superior BMS with Brand Battery Cell

Water Proofing

Wide Compatibility

EASYWAY ENERGY

DC/DC & Battery System

Specification

MODEL		UNIV-10kWh(HV)
DC INPUT/OUTPUT PARAMETERS		
Nominal output power to grid (kVA)		5
Nominal input power (kVA)		2.5
Nominal output current to grid (A)		12.5
Nominal Voltage (Vd.c)		400
Working Voltage Range (Vd.c)		330 ~ 450
BATTERY PARAMETERS		
Total Energy (kWh)		10.24
Useable Energy (kWh)		9.63
Nominal Voltage (Vd.c)		51.2
Voltage Range (Vd.c)		44.8 ~ 57.6
Rated Capacity (Ah)		206
Recommend Using DOD		90%
Scalability		Max 8 in Parallel
Dimension (W *H* D)(mm)		520*620*240
Weight (KG)		94
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		Movable
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)
Certification		CE/Cell UL 1973/IEC62619
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.