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

Superior BMS with Brand Battery Cell

Real-time Date Monitoring with Bluetooth

Large Scalability

10 Years Warranty

Wide Compatibility

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Lithium Battery

Rack-Mounted Version (Single Battery Module)

Specification

MODEL		UNIV-16kWh(HR)
BATTERY PARAMETERS		
Total Energy (kWh)		16.08
Useable Energy (kWh)		15.11
Nominal Voltage (Vd.c)		51.2
Voltage Range (Vd.c)		44.8 ~ 57.6
Rated Capacity (Ah)		314
Recommend Current (A)	Charge	157
	Discharge	157
Recommend Using DOD		90%
Dimension (W *H* D) (mm)		440*230*760
Weight (KG)		116
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		IP20
Installation Type		Rack-Mounted
Cooling Type		Air cooling
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°C
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.