EASYWAY
ENERGY

Features and advantages

- Small-scale residential energy storage
- Direct connection & easy installation
- High water proof strength
- Max 8 units in Parallel



Specification

	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
DC-DC Boost Feature	51.2Vdc →400Vdc (Working Range: 330~445Vdc)
BATTERY PARAMETERS	
Battery Type	$LiFePO_4$(LFP)
Total Energy (kWh)	10.55
Usable Energy (kWh)	9.91
Nominal Capacity (Ah)	206
Nominal Voltage (Vdc)	51.2
Operating Voltage Range (Vdc)	44.8 ~ 57.6
Recommend Using DOD	90%
Scalability	Max 8 in Parallel
Dimension (W *H* D) (mm)	520*620*240
Weight (kg)	94
Safety Protection	Built-in aerosol fire extinguisher
Communication	CAN
Cycle Life[1]	≥6000 Cycles
OPERATING CONDITION	
Charge Temperature Range	0℃ ~ 55℃
Discharge Temperature Range	-20℃ ~ 55℃
Storage Temperature	-20℃ ~ 55℃
IP Rating	IP65
Installation Type	Free-Standing
Cooling Type	Natural
Altitude	≤2000 m
CERTIFICATION AND SAFETY	
Certification	UN38.3/MSDS/IEC 62619/IEC 63056/CE-EMC
Compatible Inverters	Solis/Sofar/Solinteg/etc.

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