EASYWAY
ENERGY

FlexiStack Lithium Battery-
Versatile Energy Storage Solution

The UNIV FlexiStack Lithium Battery Series offers a modular design that allows for both wall-mounting and stacking expansion, providing scalable capacity to meet diverse energy needs. It features advanced monitoring systems that deliver real-time performance data, with optional Bluetooth connectivity for enhanced user control. The series is designed for easy installation and seamless integration, making it a versatile and efficient energy storage solution for various applications.

Features And Advantages

Real-time Date Monitoring with Bluetooth

Superior BMS with Brand Battery Cell

24/7 online service

Flexible Capacity Expansion

Both Wall-Mounted and Stacking Installation

Wide Compatibility

EASYWAY ENERGY

Lithium Battery

Flexistack Version

Specification

MODEL		UNIV6900	UNIV-LV ST14k	UNIV-LV ST21k	UNIV-LV ST28k
		1	2	3	4
BATTERY PARAMETERS					
Total Energy (kWh)		6.91	13.82	20.73	27.64
Useable Energy (kWh)		6.49	12.99	19.48	25.98
Nominal Voltage (Vd.c)		51.2			
Voltage Range (Vd.c)		44.8 ~ 57.6			
Rated Capacity (Ah)		135	270	405	540
Recommend Current (A)	Charge	80	160	240	320
	Discharge	80	160	240	320
Max. Current (A)	Charge	100	200	300	400
	Discharge	100	200	300	400
Recommend Using DOD		90%			
Dimension (W *H* D) (mm)		660*150*450	660*404*450	660*556*450	660*708*450
Weight (KG)		64	138	202	266
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance			
Model		W	ST		
Standard Features		Bluetooth/Button-Controlled Screen(Wall-mounted type)			
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		Wall-Mounted & Stacking			
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			
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.

EASYWAY ENERGY

Lithium Battery

Flexistack Version

Specification

MODEL		UNIV-LV ST35k	UNIV-LV ST41k	UNIV-LV ST48k	UNIV-LV ST55k
		5	6	7	8
BATTERY PARAMETERS					
Total Energy (kWh)		34.55	41.46	48.37	55.28
Useable Energy (kWh)		32.47	38.97	45.46	51.96
Nominal Voltage (Vd.c)		51.2			
Voltage Range (Vd.c)		44.8 ~ 57.6			
Rated Capacity (Ah)		675	810	945	1080
Recommend Current (A)	Charge	400	480	560	640
	Discharge	400	480	560	640
Max. Current (A)	Charge	500	600	700	800
	Discharge	500	600	700	800
Recommend Using DOD		90%			
Dimension (W *H* D) (mm)		660*860*450	660*1012*450	660*1164*450	660*1316*450
Weight (KG)		330	394	458	522
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance			
Model		ST			
Standard Features		Bluetooth/Button-Controlled Screen(Wall-mounted type)			
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		Wall-Mounted & Stacking			
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)			
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.