[redacted]

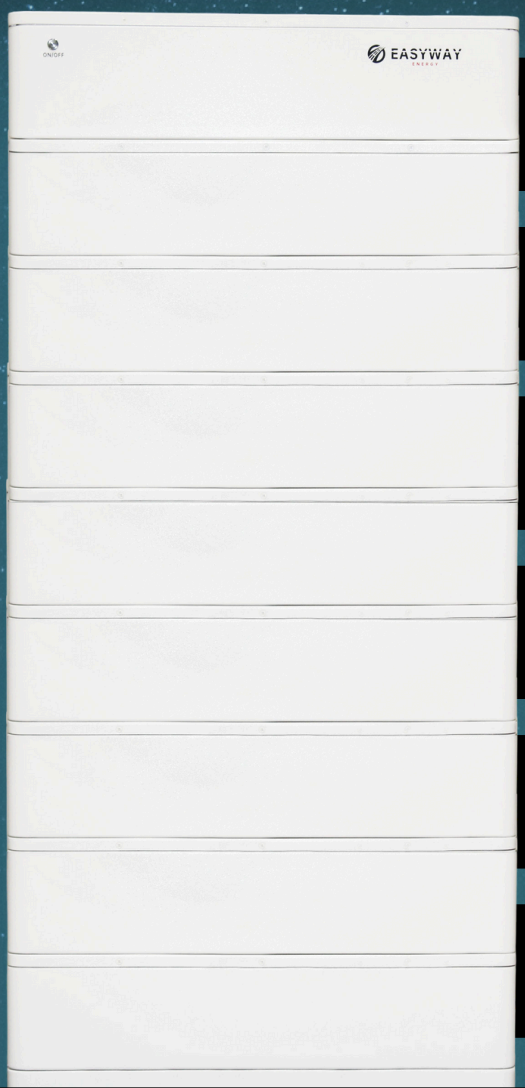
UNIV7600

High-Voltage Series

15,36kWh - **61,44**kWh
per stack

>**488**kWh
per inverter

7,68kWh
per module



- **SCALABLE**
- **HIGH CAPACITY**
- **SIMPLE INSTALLATION**
- **WATER PROTECTED CONSTRUCTION - IP65**
- **24/7 SUPPORT & SURVEILLANCE**
- **ADVANCED BMS & QUALITY CELLS**

ENERGY

Lithium battery Modular stackable series (HV)



Specification

Model		UNIV-HV ST15k	UNIV-HV ST23k	UNIV-HV ST31k
Components		2 Modules 1 BMS 1st Base	2 Modules 1st BMS 1st Base	4 Modules 1st BMS 1st Base
Battery parameters				
Total energy (kWh)		15.36	23.04	30.72
Usable energy (kWh)		14.44	21.66	28.88
Nominal voltage (Vdc)		153.6	230.4	307.2
Voltage interval (Vdc)		134.4 ~ 172.8	201.6 ~ 259.2	268.8 ~ 345.6
Nominal capacity (Ah)		100		
Recomended current (A)	Charging	50		
	Discharging	50		
Recommended DoD		90%		
Measure (B×D×H, mm)		660*550*450	660*695*450	660*840*450
Weight (Kg)		154	217	280
BMS-functions		Protection against overvoltage and overcurrent ✓ Short circuit protection ✓ Undervoltage protection ✓ Overheating protection ✓ Cell balancing ✓		
Model		HP		
Communication		CAN/RS485		
Operating conditions				
Operating temperature	Charging	0°C ~ 55°C (32°F ~ 131°F)		
	Discharging	-20°C ~ 55°C (-4°F ~ 131°F)		
Storage temperature		-20°C ~ 55°C (-4°F ~ 131°F)		
IP Class		IP65		
Installation type		Stackable		
Cooling		Natural		
Operating environment		Indoors (5–95 % RH, non-condensed)		
Maximum installation height		≤2000 m		
Warranty & Security				
Warranty		10 years		
Expected lifespan		15+ years (25°C/77 °F)		
Certifications		CE/Cell UL 1973/IEC62619		
Transport certifications		UN38.3/MSDS		

The recommended and maximum continuous operating current applies at a battery cell temperature of 10–40 °C. Operating outside this temperature range results in a reduced permissible operating current.

ENERGY

Lithium battery Modular stackable series (HV)



Specification

Model		UNIV-HV ST38k	UNIV-HV ST46k	UNIV-HV ST54k	UNIV-HV ST62k
Components		5 Modules 1 BMS 1 Base	6 Modules 1 BMS 1 Base	7 Modules 1 BMS 1 Base	8 Modules 1 BMS 1 Base
Battery parameters					
Total energy (kWh)		15.36	46.08	53.76	61.44
Usable energy (kWh)		14.44	43.32	50.53	57.75
Nominal voltage (Vdc)		384	460.8	537.6	614.4
Voltage interval (Vdc)		336 ~ 432	403.2 - 518.4	470.4 - 604.8	537.6 - 691.2
Nominal capacity (Ah)		100			
Recommenderad current (A)	Charging	50			
	Discharging	50			
Recommended DoD		90%			
Measure (B×D×H, mm)		660*985*450	660*1130*450	660*1275*450	660*1420*450
Weight (Kg)		154	217	280	280
BMS-functions		Protection against overvoltage and overcurrent ✓ Short circuit protection ✓ Undervoltage protection ✓ Overheating protection ✓ Cell balancing ✓			
Model		HP			
Communication		CAN/RS485			
Operating conditions					
Operating temperature	Charging	0°C ~ 55°C (32°F ~ 131°F)			
	Discharging	-20°C ~ 55°C (-4°F ~ 131°F)			
Storage temperature		-20°C ~ 55°C (-4°F ~ 131°F)			
IP Class		IP65			
Installation type		Stackable			
Cooling		Natural			
Operating environment		Indoors (5–95 % RH, non-condensed)			
Maximum installation height		≤2000 m			
Warranty and security					
Warranty		10 years			
Expected lifespan		15+ years (25°C/77 °F)			
Certifications		CE/Cell UL 1973/IEC62619			
Transports certifications		UN38.3/MSDS			

The recommended and maximum continuous operating current applies at a battery cell temperature of 10–40 °C. Operation outside this temperature range results in a reduced permissible operating current.