EWAY ENERGY

SOLARMEN®

Eway

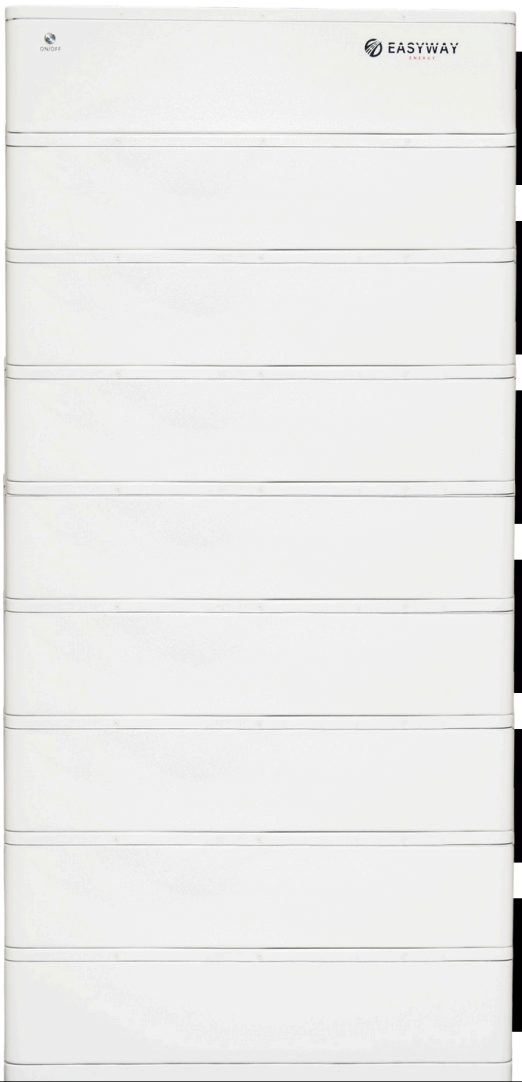
UNIV7600 (HP)

High-Voltage Series

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

>**491,52**kWh
per inverter

7,68kWh
per module



- **SIMPLE INSTALLATION**
- **AEROSOL FIRE PROTECTION**
- **WATER PROTECTED CONSTRUCTION - IP65**
- **24/7 SUPPORT & SURVEILLANCE**
- **ADVANCED BMS & HIGH QUALITY CELLS**

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Lithium battery Modular stackable series (HV)



Specification

Model		UNIV-HV ST15k	UNIV-HV ST23k	UNIV-HV ST31k
Components		2 Modules	3 Modules	4 Modules
		1 BMS	1st BMS	1st BMS
		1st Base	1st Base	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 (W×H×D, mm)		660*550*450	660*695*450	660*840*450
Weight (Kg)		154	217	280
BMS-functions & safety		Protection against overvoltage and overcurrent ✓ Short circuit protection ✓ Undervoltage protection ✓ Overheating protection ✓ Cell balancing ✓ Aerosol fire suppression ✓		
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.

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Lithium battery Modular stackable series (HV)



Specification

Model	UNIV-HV ST38k	UNIV-HV ST46k	UNIV-HV ST54k	UNIV-HV ST62k
Components	5 Modules	6 Modules	7 Modules	8 Modules
	1 BMS	1 BMS	1 BMS	1 BMS
	1 Base	1 Base	1 Base	1 Base
Battery parameters				
Total energy (kWh)	38.4	46.08	53.76	61.44
Usable energy (kWh)	36.1	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			
Recommenderad current (A) Discharging	50			
Recommended DoD	90%			
Measure (W×H×D, mm)	660*985*450	660*1130*450	660*1275*450	660*1420*450
Weight (Kg)	343	406	469	532
BMS-functions & safety	Protection against overvoltage and overcurrent ✓ Short circuit protection ✓ Undervoltage protection ✓ Overheating protection ✓ Cell balancing ✓ Aerosol fire suppression ✓			
Model	HP			
Communication	CAN/RS485			
Operating conditions				
Operating temperature Charging	0°C ~ 55°C (32°F ~ 131°F)			
Operating temperature 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. Operating outside this temperature range results in a reduced permissible operating current.