UNIV7600 (HP)

15,36kWh - 61,44kWh */ stack*	>491,52kWh */ inverter*	7,68kWh */ module*



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Lithium Battery Modular Stackable Series (HV)





Model	UNIV-HV ST15k	UNIV-HV ST23k	UNIV-HVST31k
Components	**2 Modules**	**3 Modules**	**4 Modules**
	1 BMS	1 BMS	1 BMS
	1 Base	1 Base	1 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 range (Vdc)		134.4 ~ 172.8	201.6 ~ 259.2	268.8 ~ 345.6
Rated capacity (Ah)			100	
Recommended current (A)	Charge:		50	
	Discharge:		50	
Recommended DoD			90%	
Dimensions (W×H×D, mm)		660*550*450	660*695*450	660*840*450
Weight (kg)		154	217	280
BMS Functions & Safety:		✓Overvoltage protection	✓Overcurrent protection	✓Short-circuit protection
		✓Aerosol-based fire suppression	✓Cell balancing	✓Overtemperature protection
Model type:			HP	
Communication:			CAN/RS485	

Operating Conditions

Operating 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		IP65
Installation type		Floor-mounted
Cooling		Natural convection
Operating environment		Indoor (5–95% RH, non-condensing)
Max installation altitude		≤2000 m

Warranty & Safety

Warranty	10 years*
Design lifetime	15+ years (25°C/77 °F)
Certifications	CE/Cell UL 1973/IEC62619
Transport certification	UN38.3/MSDS
Cycle life	6000

Recommended and maximum continuous discharge current apply at a battery cell temperature of 10–40°C. Outside this range, discharge current may be reduced.

**10-year warranty applies when the product is connected to the internet.*

EWAY ENERGY

Lithium Battery Modular Stackable Series (HV)



Modell	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
	1st 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 range (Vdc)	336 ~ 432	403.2 - 518.4	470.4 - 604.8	537.6 - 691.2
Rated capacity (Ah)	100			
Recommended current (A)	Charge: 50			
	Discharge: 50			
Recommended DoD	90%			
Dimensions (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:	✓ Overvoltage protection	✓ Overcurrent protection	✓ Short-circuit protection	
	✓ Aerosol-based fire suppression	✓ Cell balancing	✓ Overtemperature protection	
Model type:	HP			
Communication:	CAN/RS485			

Operating Conditions

Operating 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	IP65	
Installation type	Floor-mounted	
Cooling	Natural convection	
Operating environment	Indoor (5–95% RH, non-condensing)	
Max installation altitude	≤2000 m	

Warranty & Safety

Warranty	10 years*
Design lifetime	15+ years (25°C / 77°F)
Certifications	CE/Cell UL 1973/IEC62619
Transport certification	UN38.3/MSDS
Cycle life	6000

Recommended and maximum continuous discharge current apply at a battery cell temperature of 10–40°C. Outside this range, discharge current may be reduced.

**10-year warranty applies when the product is connected to the internet.*

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