



HV Stackable Series

Power up your energy storage game with compact size, lightweight design, and effortless installation of standardized modules, leveraging the advantages of high voltage. Effortlessly customize battery combinations to meet your energy storage needs.

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High capacity
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Scalable Design
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Efficient Performance
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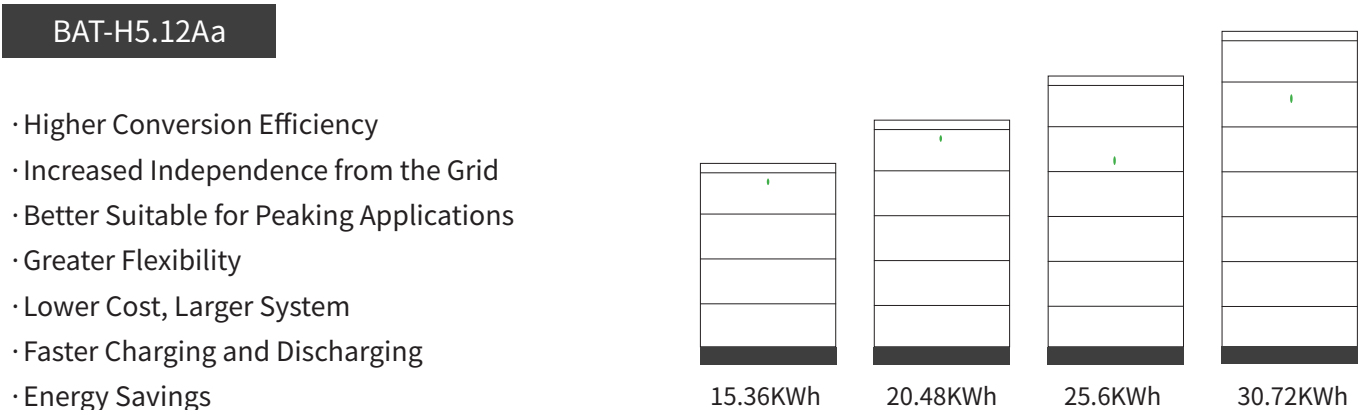
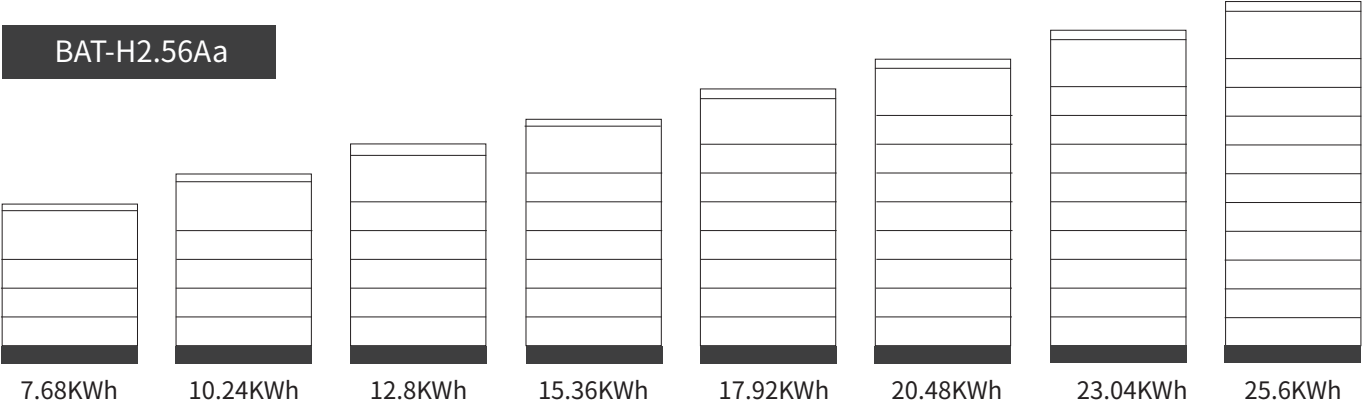
Safe and Reliable
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Real-time Monitoring
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High Voltage
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Intelligent BMS
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Seamless Integration



HV Stackable Series

Model	HTDESS HP 2.56 D1	HTDESS HP 5.12 D1
Ratedl Voltage(Vdc)	51.2	51.2
Nominal Capacity(Wh)	2560	5120
Working Voltage Range(Vdc)	129.6-516.6	129.6-350.4
Charge Voltage(Vdc)	58.4	58.4
Nominal Charge / Discharge Current(A)	25	50
Max.Charge/Discharge Current(A)	50	100
Peak Current(A)	100@3sec	200@3sec
Parallel Connection	<10pcs	<6pcs
Cycle Life	6000@80% DOD,25℃ /0.5C	
Structure		
Power Module Dimension(mm) Weigh (kg)	600*210*250/14	610*225*250/15
Battery Module Dimension(mm) Weigh (kg)	600*210*160/27	610*225*250/52
Lampstand Module Dimension(mm) Weigh (kg)	610*225*90/5	610*225*90/5.5
Top Cap Module Dimension(mm) Weigh (kg)	600*210*50/2.5	610*225*50/3
Ingress Protection	IP65	
installation	Stacket	
Working Enviroment		
Charge Working Temperature ℃	0~55	
Discharge Working Temperature ℃	-20~60	
Aititude M	<2500	
Humidity (RH)	5~95%(W/O condensing)	
Communication		
Communication Port	RS485 CAN	
display	SOC status indicator LED indicator	
Certification		
CB, IEC62619, CE -EMC, CE-GPSD, UKCA, UL1973, UL9540A, IEC62040, UN38.3, MSDS		