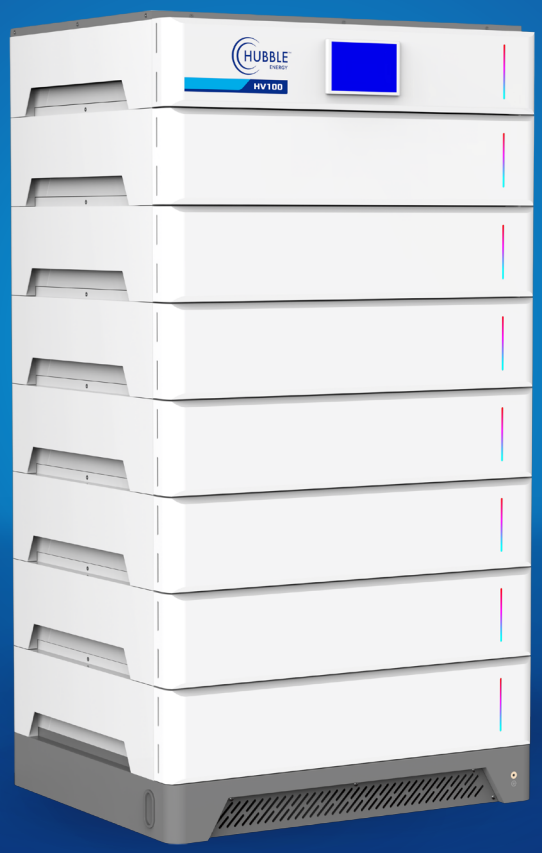
V1.3

HUBBLE™ ENERGY



HV100Ah

STACKABLE SOLUTION

307 - 819V	100Ah	30.7 - 81.9kWh
Nominal Voltage	Rated Capacity	Capacity

FEATURES

- Smart BMU
- Built-in Cloudlink for 24/7 monitoring
- Optional proactive monitoring service
- Innovative stackable design for ease of transport and installation
- Intelligent touch screen
- Firmware updates over the internet
- 1C high-performance ESS
- High cycle & service life
- Front & rear cable entry
- 32 LiFePO4 cells per battery module
- Compatible with most high voltage inverters
- CAN Bus, fully integrates and communicates with leading Inverter brands
- Stack up to 8 battery modules per ESS

REMOTE MONITORING + TECHNICAL SUPPORT

EASY INSTALLATION + ON-SITE COMMISSIONING

SCALABLE

SAFE + RELIABLE

TECHNICAL DATA

NUMBER OF MODULES STACKED IN SERIES	3	4	5	6	7	8
Design Capacity	30.72 kWh	40.96 kWh	51.2 kWh	61.44 kWh	71.68 kWh	81.92 kWh
Rated Capacity	100 Ah					
Nominal Voltage	307.2 V	409.6 V	512 V	614.4 V	716.8 V	819.2 V
Discharge Cutoff Voltage	269 V	358 V	448 V	576 V	672 V	716.8 V
Equalized Charge Voltage	335 V	446 V	557 V	668 V	779.8 V	891.2 V
Max. Continous Charging Current	100 A					
Max. Continous Discharging Current	100 A					
C Rating	1.0 C					
Recommended Depth of Discharge	90%					
Cycle Life @ 1C	+/- 6000 Cycles @ 100% DOD with 70% SOH					
Design Life	+/- 15 Years					
Monitoring	Wi-Fi enabled cloud monitoring via the Cloudlink					
Parallel	Parallel connection up to 8 packs with full communications					
Ports	1x CAN-bus, 2x Battery Link Ports					
Cells	New Li-ion Prismatic LiFePO4 Cells					
Cells Per Pack	32 Cells per pack					
Total Cells	96	128	160	192	224	256
Status Indicator Light	Blue: battery system start status, Green: battery system running status, Red: battery system fault status					
System Cooling Method	Fan Cooling					
Protection grade	IP20					
Protection	Electronic Circuit Breaker, BMS Voltage Protection, Current Limiting					
Operating Temperature	Charging: 0 to +55°C | Discharging: 0 to +55°C | Storage: 0 to +55°C					
Weight	295 kg	383 kg	475 kg	570 kg	660 kg	750 kg
Dimensions (HxWxD) mm	750x760x650	900x760x650	1060x760x650	1220x760x650	1380x760x650	1550x760x650
Certification	Cell UL 1973/IEC62619/UL9540A/TUV/CE/MSDS/UN38.3					

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Built-in Remote Management with the Hubble Cloudlink

*Due to continuous product improvements specifications are subject to change without prior notice