



## 410V 41KW HV-410

Intelligent Touch Screen 1C High-Performance ESS High cycle and service life Easy Rackmount System Modules Firmware updates over the internet Cloudlink 24/7 monitoring included 8 Packs of 16 Cell LiFePO4 battery system Compatible with most High Voltage Inverters Modular HV System for ease of transport and installation CAN Bus comms fully integrates with leading inverter brands Parallel up to 8 ESS Systems per string with full communications



V1.1

www.hubblelithium.com





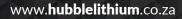


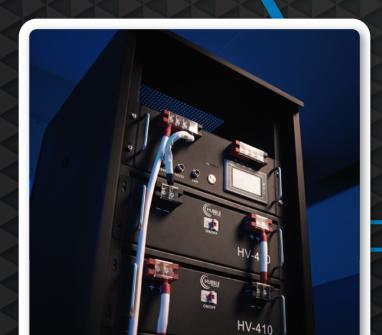
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## **TECHNICAL DATA**

ITEM	SPECIFICATIONS
Model	Hubble HV-410
Rated Capacity (5HR)	100 Ah
Nominal Voltage	410 V
Discharge Cutoff Voltage	358 V
Equalized Charge Voltage	446 V
Max. Continuous Charging Current	100 A
Max. Continuous Discharging Current	100 A
C Rating	1C
Weight	Approx. 500kg without cabinet
Monitoring	Wi-fi enabled cloud monitoring
Parallel	Parallel connection up to 8 ESS systems with full communications
Dimensions (mm)	Standard 42U Cabinet dimensions: 2090 (h) x 693 (w) x 1102 (d)
Ports	1x CAN-bus, 2 x Battery Link Ports
Cells	16 Cells per pack. 128 Cells Total. New Li-ion Prismatic LiFePO4 cells
Design Life	+/- 15 Years
Cycle Life	Above 6000 cycles @ 80% DOD, +/- 4 000 Cycles @ 100% DOD
Certification	CE, UN38.3, GBT31484-2015, GBT31485-2015, GBT31486-2015
Outer Package Material	Black baked lacquer steel case
Operating Temperature	Charging: 0°C to +55°C   Discharging: 0°C to +55°C   Storage: 0°C to +55°C
Protection	Circuit Breaker per Pack, BMS Over/Under Voltage Protection, Current Limiting

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





## **PRO MONITORING**

24/7 Monitoring and notifications of your ESS system from anywhere in the world comes standard. Detect potential problems before potential issues occur leading to downtime.