



# HV 768-241

768V

Nominal Voltage

241kWh

Capacity

314Ah

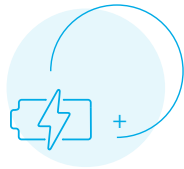
Rated Capacity

## FEATURES

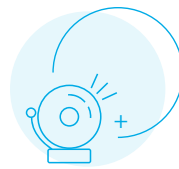
- + Intelligent touch screen
- + Superior cycle & service life
- + Compatible with leading inverter brands
- + Modular HV system for ease of transport & installation
- + Intelligent operation & management via EMS
- + Fire detection system
- + Built-in safety protection
- + High-capacity & storage performance
- + Parallel 10 ESS systems per string (up to 2.41MWh with full comms)
- + Configurable module quantity per cluster



**SUPERIOR CYCLE LIFE**  
10 000 CYCLES



**CELL LEAKAGE PROTECTION + ACTIVE CELL BALANCING**



**INTELLIGENT FIRE DETECTION SYSTEM**



**REMOTE MONITORING + TECHNICAL SUPPORT**

# TECHNICAL DATA

## BATTERY PARAMETERS

## SPECIFICATIONS

Model	Hubble HV 768-241
Battery Module / QTY	51.2 V 314 Ah (0.5 C) 16.077 kWh / 15*
Cells	New A-Grade Li-ion Prismatic LiFePO4 Cells
Balancing	Dual Channel Active Cell & Module Balancing
Storage Capacity	241 kWh
Max Rated Continuous Power	120.6 kW
Nominal Voltage	768 V
Operational Voltage Range	720-840 V (10% - 100% SOC)
Continuous Maximum Charge/Discharge	157 A (0.5 C) / 157 A (0.5 C) @ 25°C
Smart Cooling	Forced Air Cooling
Cycle Life	10 000 Cycles at 80% DOD @ 25°C, 70% EOL, 0.5 C/0.5 C
Max Parallel Clusters	10 Clusters (2.41MWh)
Design Life	15 Years

## SYSTEM PARAMETERS

Operating Environment	-10 ~ 50°C, 5% ~ 95% (Non Condensing), <3000m
Fire / Smoke Detection	Detect, Shutdown and Alarm
Dynamic Protection	Over Charge/Discharge, Over Current, Over/Under Temperature, Voltage and Current Leakage
Monitoring	10 Inch Touch screen HMI / Remote Access / Cloud Data Logging
Dimensions / Weight	1060mm(L)*950(W)*2115(H) / Approx. 2100 kg
Network Communication	LAN, Wi-Fi, 4G/GPRS
Inverter / PCS Communication	CANBus
Supported Inverters / PCS	Megarevo MPS/MEGA/TS (all), ATESS HPS/PCS (all), SinExcel (PWS1-500KTL-NA/EX), Deye HV (all), Sunsynk HV (all), Solis HV (all)**

## COMPLIANCE

Battery	IEC62619, CE, EMC, UN38.3, UN3480
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On-Site  
Commissioning +  
Technical Support



\* Battery module QTY can be customised from 4 to 17 modules

\*\* Supported inverter list is continuously updated - please enquire with Hubble

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