

Pylontech HV batteries

Force-H3

Manufacturer links

- Product page: [Pylontech Force-H3](#)
- Datasheet: [Force-H3 datasheet \(Pylontech\)](#)
- Operation manual: [Force-H3 operation manual](#)

Use with the HS19 (650 - 1000 V DC)

- Modules per stack: **7 only** (the product allows 2 - 7; 6 or fewer sits below the HS19 range)
- Usable voltage range: **650 - 818 V**. The battery's own discharge floor is approx. 605 V (estimated at 2.7 V/cell), below the HS19 minimum, so the bottom of the SOC range is unusable.
- Capacity: **36 kWh** per stack

Full product specifications (unverified, from manufacturer documents)

- Module FH10050: 102.4 V nominal, 50 Ah / 5.12 kWh (32S LFP)
- Up to 6 stacks in parallel

Compatibility status

- Test status: will be tested soon
- FDCan support: only up to 500 kbit/s (status 04-2024, update requested)

Powercube H2 (deprecated)

Not for use with the HS19

Maximum stack voltage is 648 V at 12 modules, below the HS19 minimum of 650 V. No valid configuration exists. Not compatible with current HS19 hardware.

From:
<https://www.victronenergy.com/live/> - **Victron Energy**

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https://www.victronenergy.com/live/hv_battery_compatibility:pylontech?rev=1781267616

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