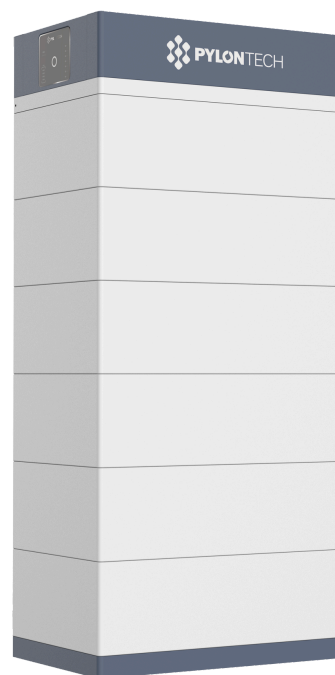


# Pylontech Force H3

## Datasheet from Pylontech

All product information presented in this document is provided by the manufacturer.

**Note!** Only up to 6 modules per stack when connected to the Ferroamp-system



**ferroamp**

Odlingsgatan 7B, 174 53 Sundbyberg  
ferroamp.com

# Force-H3

- 

Maximum Scalability
- 

Flexible & Easy Installation
- 

Higher Density & Efficiency
- 

Remote Maintenance



Module

|                                  |             |                                                                                |             |              |              |              |
|----------------------------------|-------------|--------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|
| Battery Module                   |             | FH10050                                                                        |             |              |              |              |
| Nominal Voltage (VDC)            |             | 102.4                                                                          |             |              |              |              |
| Battery Module Capacity (kWh)    |             | 5.12                                                                           |             |              |              |              |
| Battery System Capacity (kWh)    | 10.24       | 15.36                                                                          | 20.48       | 25.6         | 30.72        | 35.84        |
| Usable Capacity （kWh）            | 9.69        | 14.73                                                                          | 19.48       | 24.32        | 29.17        | 34.01        |
| Battery System Voltage(VDC)      | 204.8       | 307.2                                                                          | 409.6       | 512          | 614.4        | 716.8        |
| Dimension (W*D*H mm)             | 540*350*530 | 540*350*700                                                                    | 540*350*870 | 540*350*1040 | 540*350*1210 | 540*350*1380 |
| Weight (kg)                      | 92          | 131                                                                            | 170         | 209          | 248          | 287          |
| Depth of Discharge               |             | 95%                                                                            |             |              |              |              |
| Charge/                          | (Normal)    | 50                                                                             |             |              |              |              |
| Discharge (A)                    | (Max)       | 55@15MIN                                                                       |             |              |              |              |
| Communication port               |             | Modbus RTU/CAN                                                                 |             |              |              |              |
| Multi-group                      |             | Max 6 groups in parallel                                                       |             |              |              |              |
| IP rating                        |             | IP55                                                                           |             |              |              |              |
| Working Temperature/ (°C) Charge |             | -10~55                                                                         |             |              |              |              |
| Storage Temperature/ (°C)        |             | -20~45                                                                         |             |              |              |              |
| Humidity (RH)                    |             | 5%~95% No condensation                                                         |             |              |              |              |
| Altitude (m)                     |             | <4,000                                                                         |             |              |              |              |
| Design life (@25°C)              |             | 15+Years                                                                       |             |              |              |              |
| Cycle life (@25°C)               |             | >8,000                                                                         |             |              |              |              |
| Certification                    |             | IEC62040-1/IEC62477-1/IEC62619/IEC63056/UL1973/UL9540A/UN38.3/VDE-AR-E 2510-50 |             |              |              |              |