



SolisStorage



Energy Storage Battery

## Solis-Pylontech-Force-H3

- Save time and effort, plug and play
- Remote monitoring and O&M support
- One-stop after-sales service
- Flexible expansion

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# DATASHEET

## Solis-Pylontech-Force-H3



| Models                            | 2                                                               | 3               | 4               | 5                | 6                | 7                |
|-----------------------------------|-----------------------------------------------------------------|-----------------|-----------------|------------------|------------------|------------------|
| 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)             | 9.73                                                            | 14.59           | 19.46           | 24.32            | 29.18            | 34.05            |
| Battery System Voltage (VDC)      | 204.8                                                           | 307.2           | 409.6           | 512              | 614.4            | 716.8            |
| Dimensions (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 / Discharge                | Normal: 50 A; Max: 55 A@15MIN                                   |                 |                 |                  |                  |                  |
| Communication port                | Modbus RTU / CAN                                                |                 |                 |                  |                  |                  |
| Multi-group                       | Max 6 groups in parallel                                        |                 |                 |                  |                  |                  |
| IP rating                         | IP65                                                            |                 |                 |                  |                  |                  |
| Working Temperature / (°C) Charge | -10 ~ 55 (> 45 derating)                                        |                 |                 |                  |                  |                  |
| Storage Temperature/ (°C)         | -20 ~ 45                                                        |                 |                 |                  |                  |                  |
| Humidity (RH)                     | 5% ~ 95% No condensation                                        |                 |                 |                  |                  |                  |
| Altitude (m)                      | < 4000 (> 2000 derating)                                        |                 |                 |                  |                  |                  |
| Design life (@25°C)               | 10 + Years                                                      |                 |                 |                  |                  |                  |
| Cycle life (@25°C)                | > 8000 (@0.25C / 0.25C,70%EOL)                                  |                 |                 |                  |                  |                  |
| Certification                     | IEC62040-1/IEC62477-1/IEC62619/IEC63056/UN38.3/VDE-AR-E 2510-50 |                 |                 |                  |                  |                  |