PYLONTECH

# Fidus Battery




## Extraordinary Performance

Continuous 1C Rate
Peak Rate 2C@15S
97% DOD

## Resilient in Harsh Conditions

Various Outdoor Scenarios Available
Top Anti-Corrosion Level
Cell Level Heating for Extreme Cold

## Flexible and Compatible

Strong Scalability from 5kWh~600kWh (1-120 Modules)
50+ Popular Inverter Brands Compatible
Wall/ Ground/ Rack Mounted Applicable

ACROSS THE BOUNDARIES
POWER TO INFINITE

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# Module

Fidus-Battery-EU

| | | |
|---|---|---|
| Nominal Voltage (VDC) | | 51.2V |
| Battery Module Capacity (kWh) | | 5.12 |
| Usable Capacity (kWh) | | 4.86 |
| Dimension (W*D*H mm) | | 630*165*360 |
| Weight (kg) | | 45 |
| Depth of Discharge | | 95% |
| Charge/ Discharge (A) | (Normal) | 100 |
| | (Max) | 100 |
| | (Peak) | 121~200@15s |
| Communication port | | RS485/CAN |
| IP rating | | IP65 |
| Anti-corrosion | | C5-M |
| Multi-Group | | 6 |
| Single String Quantity (pcs) | | 20* |
| Working Temperature (℃) Charge | | -10~55* |
| Working Temperature (℃) Discharge | | -10~55 (Normal Version) / -20~55 (Nordic Version) |
| Storage Temperature (℃) | | -20~60 |
| Humidity (RH) | | 5%~95% No condensation |
| Short current/duration time (A) | | <1000/ms |
| Altitude (m) | | ≤4000 |
| Design life @25℃ | | 10years |
| Cycle life @25℃ | | >6,000 |
| Certification | | IEC62619/UN38.3/RoHS/Reach/WEEE/EMC/CE/IEC63056/VDE2510-50/IEC62477-1 |

*19 pcs for multiple strings installation

*Degradation at temperatures above 50°C, or below 0°C