



# 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





## 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/ (Normal)                   | 100                                                                   |
| Discharge (Max)                    | 100                                                                   |
| (A) (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 (°C) Charge    | -10~55*                                                               |
| Working Temperature (°C) Discharge | -10~55 (Normal Version) / -20~55 (Nordic Version)                     |
| Storage Temperature (°C)           | -20~60                                                                |
| Humidity (RH)                      | 5%~95% No condensation                                                |
| Short current/duration time (A)    | <1000/ms                                                              |
| Altitude (m)                       | ≤4000                                                                 |
| Design life @25°C                  | 10years                                                               |
| Cycle life @25°C                   | >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