



Fidus Battery



Extraordinary Performance

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



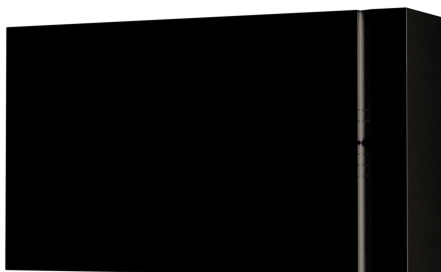
Resilient in Harsh Conditions

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