



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

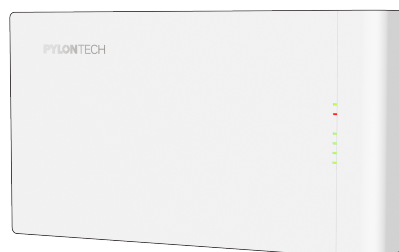


Flexible and Compatible

Strong Scalability from 5kWh~600kWh (1-120 Modules)

50+ Popular Inverter Brands Compatible

Wall/ Ground/ Rack Mounted Applicable



Module

Fidus-Battery

Nominal Voltage (VDC)	51.2V
Battery Module Capacity (kWh)	5.12
Usable Capacity (kWh)	4.97
Dimension (W*D*H mm)	662.4*137*395
Weight (kg)	43
Depth of Discharge	97%
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 (°C) Charge	-10~55*
Working Temperature (°C) Discharge	-10~55*
Storage Temperature (°C)	-20~60
Humidity (RH)	5%~95% No condensation
Short current/duration time (A)	<2000/ms
Altitude (m)	≤4000
Design life @25°C	10years
Cycle life @25°C	>6,000
Certification	IEC62619/UN38.3/RoHS/Reach/WEEE/EMC/CE

*Degradation at temperatures above 50°C