



# Fidus Battery



## Extraordinary Performance

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



## Resilient in Harsh Conditions

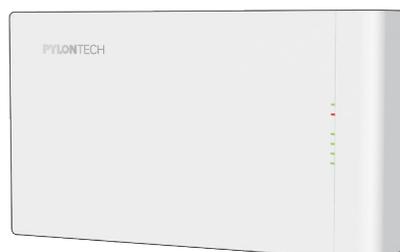
Various Outdoor Scenarios Available  
Top Anti-Corrosion Level



## Flexible and Compatible

Strong Scalability from 5kWh~583kWh (1-114 Modules)  
50+ Popular Inverter Brands Compatible  
Wall/ Ground/ Rack Mounted Applicable

ACROSS THE BOUNDARIES  
POWER TO INFINITE



## Module FB-L-5.12-PK

## Fidus-Battery

Nominal Voltage (VDC)	51.2V
Battery Module Capacity (kWh)	5.12
Usable Capacity (kWh)	4.97
Dimension (W*D*H mm)	638*137*370
Weight (kg)	45
Depth of Discharge	97%
Charge/Discharge (A)	(Normal) 100 (Max) 100 (Peak) 121~200@15s
Communication port	RS485/CAN
IP rating	IP20
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)	<1000/ms
Altitude (m)	≤4000
Design life @25°C	15years
Cycle life @25°C	>8000
Certification	IEC62619/UN38.3/RoHS/Reach/WEEE/EMC/CE/IEC62040

\*19 pcs for multiple strings installation

\*Degradation at temperatures above 50°C