



FIDUS BATTERY PLUS



Superior Safety and Reliability

Multi-layer protection design, built-in fire suppression module



Designed for Extreme Conditions

Available in extreme cold region, against water jet, fully dustproofed, smoke & salty air resistant.



Flexible Installation

Wall-mounted or floor-standing.

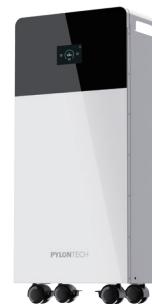


Smart Monitoring

APP & LED display



YOUR
BATTERY



Model

Fidus Battery Plus

Nominal Voltage (Vdc)	51.2
Nominal Capacity (Wh)	16076
Usable Capacity (Wh)*	16076
Depth of Discharge (%)*	100
Dimensions (mm)	435(W)*240(D)*900(H)
Weight (Kg)	130kg
Discharge Voltage (Vdc)	40 ~ 56.8
Charge Voltage (Vdc)	56 ~ 56.8
Maximum Continuous Charge/Discharge Current (A)	188/200
Peak Charge/Discharge Current (A)	300A@15s
Communication	CAN, RS485
Configuration (maximum quantity in one battery group)*	20
Configuration (maximum strings)**	6
Working Temperature (°C) ***	charging: 0~55 discharging: -20~60
Storage Temperature (°C)	-20 ~ 60
Cooling Type	Natural
Protective Class	I
IP Rating of Enclosure	IP65
Anti-corrosion	C5-M
Humidity(%, RH, No Condensation)	5 ~ 95
Altitude(m)	≤4000
Certifications	IEC62619、IEC63056、UN38.3、EMC/CE
Design Life (year) (25°C /77°F)	15
Cycle Life (25°C /77°F) ü*	8000
Interaction	Display screen、Bluetooth and WIFI

*Battery supports 100% DoD; rated capacity at 25°C, 0.2C discharge. Default SOC lower limit set at 5%, adjustable.

** For multi-group setups, LV-HUB-V2 is required for parallel connection; acts as master. Max 19 batteries per group.

*** BMS limits charge/discharge current in extreme temps. Between -20°C and 0°C, battery heating activates to allow charging above 0°C.

**** Specs based on 25°C, 0.2C charge/discharge, SOC range 5%-95%.