

FIDUS BATTERY PLUS

16kWh



Flexible Installation

Wall-mounted or floor-standing.



All-Weather Resilience

Waterproof, dustproof, smoke & salty air resistant.



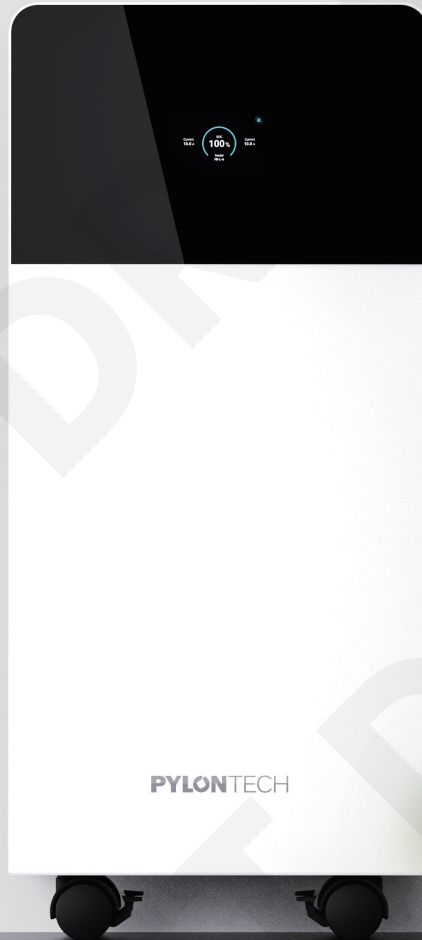
Smart Self-Heating

Reliable from -20°C to 55°C
(optional)



Smart Monitoring

APP & LED display



YOUR HOME
BATTERY

Fidus Battery Plus

16kWh



Module

FB-L-16

FB-L-16-Pro

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)	200/200	
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
***		-20 ~ 55
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)	10	
Cycle Life (25°C /77 °F) ÷*	8000	
Interaction	Display screen、 Bluetooth and WIFI (Optional)	

*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%.