

Lithium Iron Phosphate(LiFePO4) Battery ALFP-358100(358.4V 100Ah)



HIGH VOLTAGE STORAGE BATTERY

Features

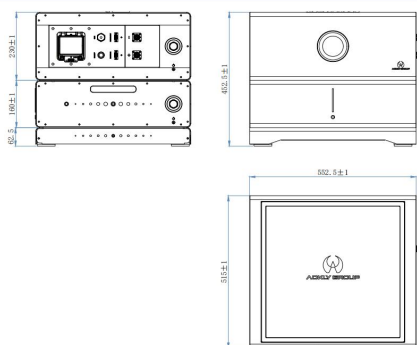
Longer Cycle Life: Offers up to 10 times longer cycle life and five times longer float/calendar life than lead acid battery, helping it minimize replacement cost and reduce total cost of ownership.

Lighter Weight: About 40% of the weight of a comparable lead acid battery. A'drop in' replacement for lead acid batterie

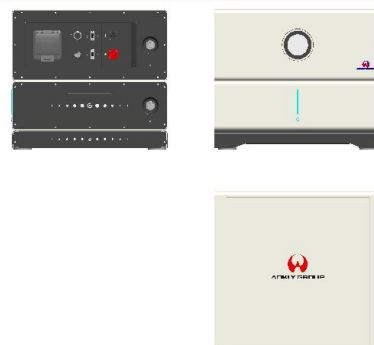
Higher Power: Delivers twice power of lead acid battery, even high discharge rate, while maintaining high

Superior Safety: Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit

Physical



Structure



Specification	H1*7
Module Type	102Ah-16S1P
Cycle Life	≥4000 cycles @80%DOD
Months Self Discharge	1%/M
Rated Capacity(KWh)	36.54
Rated Voltage(V)	358.4
Working Voltage(V)	313.6-403.2
Recommended Discharge Current(A)	50
Max. Charging/Discharge Current(A)	100
Peak Discharge Current(A)	100@30 seconds
Efficiency of Charge(%)	≥97
DOD(%)	90
Working Temp.(°C)	Charging: 0~55 Discharge : -20~60
Storage Temp. (°C)	0~40
Dimension(W*H*D/mm)	552.5*515*1412
Weight(kg)	354±2
IP Class	IP65
Location	outdoor/in door