

WALLMOUNT BATTERY

# AZOTEQ

## AZBAT51100E-WM





- > Easy-to-install wall mount bracket
- > Built-in DC short circuit breaker
- > Sleek design with SOC indicator
- > High quality LiFePO4 cells (Tier 1 cell manufacturer)
- > Remote software updates (SmartHub™)
- > SmartHub Enabled
- > Wall Mount / Floor Standing / Stackable (versatile installation options)

GENERAL	
Model	AZBAT51100E-WM
Battery Type	LiFePO4
Nominal Voltage	51.2 V
Nominal Capacity	100Ah / 5.12KWh
Cycle life @ 80% DoD*	6000 Cycles
Recommended DoD	80%
Operating Temperature	0°C to 45°C
Dimensions [mm]	480(W) x 560(L) x 130(H)
Weight	47kg±2kg
IP Rating	20
Storage conditions	0°C to 35°C (less than 6 months)
CHARGE AND DISCHARGE	
Charge voltage	57.6V
Float/Sustain Voltage	57V
Recommended Charge Current	≤50A (0.5C)
Maximum Charge Current	95A (0.95C)
Recommended Discharge Current	≤50A (0.5C)
Maximum Discharge Current	95A (0.95C)
BATTERY MANAGEMENT SYSTEM	
Inverter Communication Interface	CAN and RS485
Monitoring Communication Interface	RS485
Parallel	Up to 15 batteries
Protection	Short circuit Over temperature Over voltage Cell balancing Integrated circuit breaker
Inverter Communication Interface	CAN and RS485
CERTIFICATION	
Standards	IEC 62619 UN38.3