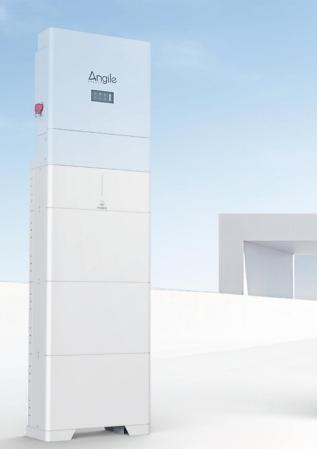




ePøwerCUBE BAHV









Easy installation



Remote upgrade



Low-temperature heating



Automatic parallel connection, without voltage limitations



Long service life



10-year warranty





Model	AES5.1-M(with auxiliary electric heating)	AES5.1-M1	
Battery parameters			
Rated voltage	102.4		
Operating voltage	89.6~113.6		
Rated capacity (Ah)	50	50	
Energy capacity (kWh)	5.12		
Battery material	LFP (32S1P)		
Recommended charge/discharge current	25A/25A (25°C)		
Max. charge/discharge current	32A/32A(25°C)		
Charge/discharge efficiency	> 95%		
Cycle life	> 10000* Cycles		
Depth of discharge (DoD)	90%		
Operating temperature	-18°C~53°C		
Communication interface	CAN, RS485		
General information			
Protection rating	IP65		
Cooling method	Natural Cooling		
Dimensions of battery pack (WxHxD)	550×340×252 mm		
Battery pack weight (kg)	52		
- Dimensions of battery controller (WxHxD)	550×200×252 mn	550×200×252 mm	

Dimensions of battery controller (WxHxD	D) 550×200×252 mm	
Weight of battery controller (kg)	9.5	
Warranty period	10 Years	
Certification	CE	
EMC certification standards	IEC 61000-6-1, IEC 61000-6-3	
Safety certification standards	IEC/EN62477-1, IEC62619, IEC 60730 Annex H, IEC63056	
Environmental standards		
Transportation standards	_	

^{*} The above data were obtained through tests under laboratory conditions at 20°C, and the actual operating environment may vary.









Scalability

Up to 6 modules