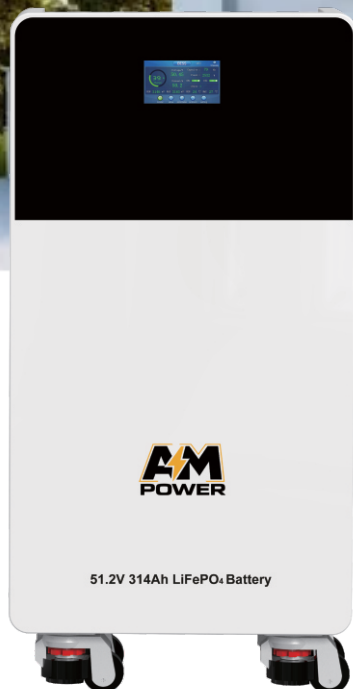




Residential ESS Solution

AM Power Ultra 16KWH



8,000 revolutions
per cycle service life



Support up to 15 unit
in parallel



IP54
High level protection



Wi-Fi Standard



Discharge temperature:
-20°C~55°C



LCD Color
Screen Operation

Technical Specification



Technical Data	AM Power Ultra 16KWH
Capacity	16.07kWh
Main Parameter	
Battery Type	
Capacity(Ah)	314
Nominal Voltage(V)	51.2
Operating Voltage(V)	43.2~57.6
Rated Energy(kWh)	16.07
Usable Energy(kWh)	14.47
Maximum Charge/Discharge Current(A)	150/200
Recommend Deth of Discharge	90%
Other Parameter	
Display	Color touch display screen(Optional)
Operating Temperature(°C)	Charge:0°C~55°C
	Discharge:-20°C~55°C
Storage Temperature(°C)	-10°C~35°C
Dimension(W×H×D,mm)	430*864*240
Weight Approximate(kg)	112
Humidity	5%~95%
Altitude	≤2000m
IP Rating of Enclosure	IP54
Cycle life	≥8000(25°C±2°C,0.5C/0.5C,90%DOD,70%EOL)
Installation Location	Floor-Mounted
Communication Port	CAN2.0,RS485,WIFI
Warranty Period	7 years
Certification	UN38.3