

ALPS Series

Battery 5.2kWh



- If you've got solar panels in place, you can charge it for free and save the sun's energy for later.
- If you've not got solar panels, use smart tariffs. On a smart tariff, your battery charges when energy is cheaper than normal.
- Either way, that lovely cheap energy in your battery will supply your home when you need it.

MEET THE POLAR ESS 5.2KWH BATTERY.

Over-charging / discharging protection
Over-current protection
Over and under temperature protection
Short-circuit protection
Clever battery reverse protection function





SCALABLE

Run up to 16 batteries in parallel – for a usable capacity of over 80kWh.



FLEXIBLE

Rack-mounted or floor-standing, suitable for retrofit projects, new solar projects, or as a standalone battery.



DURABLE

High safety LFP battery cell, built to last, with a design life of 6000 cycles.



AFFORDABLE

Coming to you at 50-60% of the cost of the industry heavies.

Model		ALPS BA5.2
Nominal Voltage (Vdc)	51.2	
Voltage Range (Vdc)	44.8~ 57.6	
Nominal Capacity (Wh)	5120	
Recommended Charge /Discharge Current(A)	50	
Charge /Discharge Current(A)	100	
	100~120 @15mins	
	>120 @ 15secs	
Communication Port	RS232,RS485,CAN	
Working Temperature (Charge)	0~50 C	
Working Temperature (Discharge)	-10~50 C	
Storage Temperature	-20~60 C	
Protection Class	IP20	
Humidity	5% ~ 95%(RH) No Condensation	
Altitude	<4000m	
Cycle Life	6,000 (25 C)	
Standard	CE/UN38.3	
Number of Parallel Batteries (Max.)	16	
Dimensions(D x W x H)	505 x 134 x 440mm	
Weight (kg)	46	
Installation	Rack Mounting or Floor Standing	
Technology	Lithium-ion	