

EVEREADY®

ENERGY VAULT



AC Retro-Fit Solar Storage Solution

The **Eveready® Energy Vault** Solar Battery is a powerful, yet affordable solution to your home's energy worries. Don't be left in the dark again, Eveready is here to keep your energy running, day in, day out.

Expandable from 5.1kWh to an impressive 20.4kWh, you'll have more than enough power to get through your day!



Quick and easy retro-fit installation



Compatible with all inverter brands



Expandable from 5.1-20.4kWh



Backup with UPS



Type	AS1-3KS-5.1	AS1-3KS-10.2	AS1-3KS-15.3	AS1-3KS-20.4
Battery Parameters				
Battery Type	LiFePO ₄			
Total Energy Capacity [Wh]	5120	10240	15360	20480
Battery Capacity [Ah]	100	200	300	400
Rated Voltage [V]	51.2			
Voltage range [V]	42~58.4			
Depth Of Discharge [DOD]	≤90%			
Cycle Life	≥6000			
Max.Charge Current [A]	60			
Max.Discharge Current [A]	60			
Scalability	Primary	Primary +1 Secondary	Primary +2 Secondary	Primary +3 Secondary
Grid Parameters				
Max.Continuable Output Power [VA]	3000			
Max.Output Current [A]@230Vac	13.1			
Rated Grid/Backup Voltage/Range [V]	220, 230, 240/180~280			
Rated Grid/Backup Frequency/Range [Hz]	50, 60/±5			
Power factor [cos φ]	0.8 leading~0.8 lagging			
Feed-in	L+N+PE			
AC Output [Back-up Mode] (Connection Optional)				
Max. Continuable Output Power [VA]	3000			
Output Voltage [V]	220, 230, 240			
Max.Output Current [A]@230Vac	13.1			
Output Frequency [Hz]	50			
Max.Output Power [VA]	3600, 10sec			
General Data				
Communication Mode	Wi-Fi/4G/Ethernet (Optional)			
Operating Temperature Range	0°C~45°C			
Cooling Method	Natural Convection			
Ambient Humidity	0-95% Non-condensing			
Noise [dBA]	<29			
Ingress Protection	IP65			
Dimensions [H*W*D][mm]	738*650*186	1160*650*186	1580*650*186	2000*650*186
Weight [kg]	64	112	160	208
Standard Warranty [Year]	10 year performance / 7 year product			
Applicable Standard	IEC62619, IEC62040, AS 4777.2	IEC62040, AS 4777.2		

