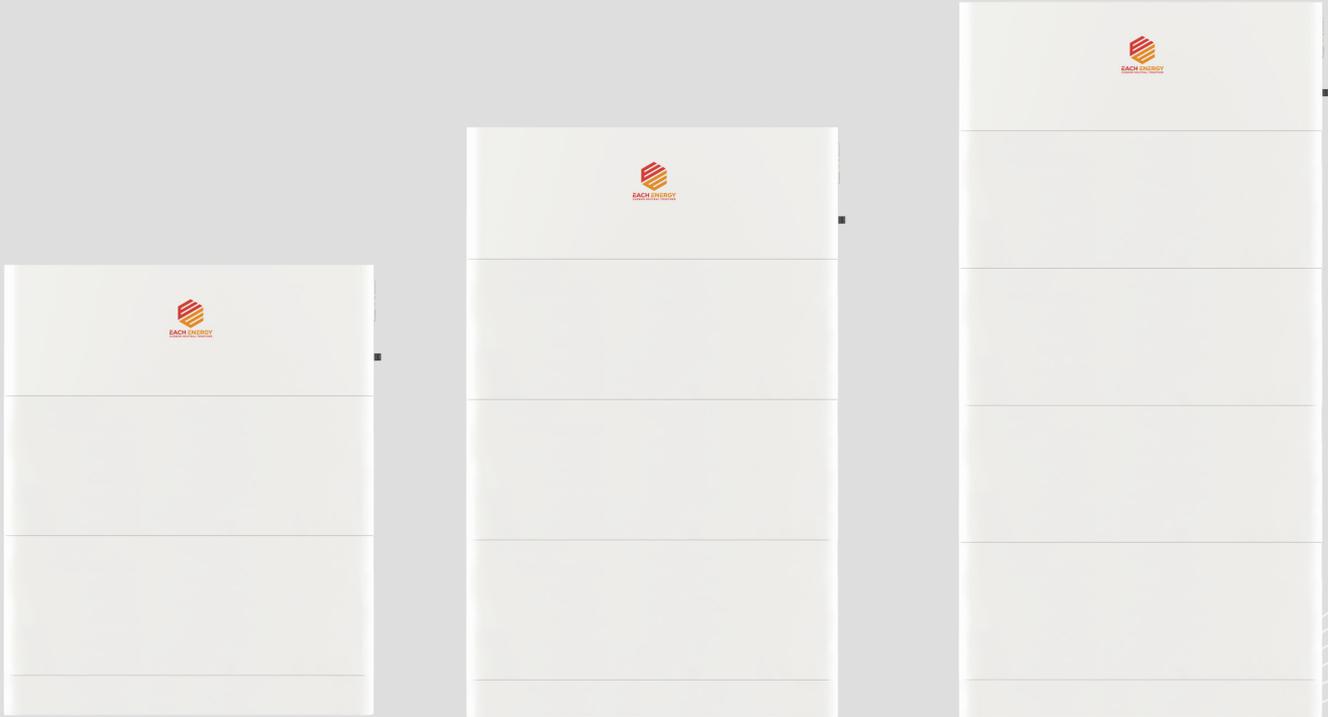


H5 Battery



Flexible

Single module 102V, 50Ah;
Stackable design, Easy to install



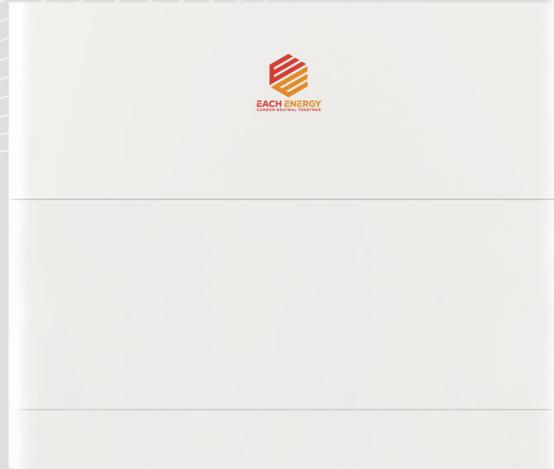
Stabilizable

Longevity; Intelligent BMS;
Multiple fire protection system



Safe&Reliable

More safety; Longer life cycle
Flexible and scalable

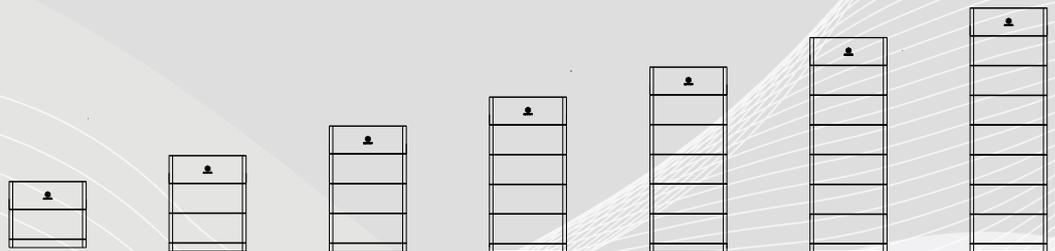


Battery Data(H5)

Model(KWh)	5.12
Battery type	LFP
Nominal Capacity(Ah)	50
Nominal Energy(KWh)	5.12
Nominal voltage/range(V)	102.4/88~115.2
Rated Charge/Discharge Current	0.5C/0.5C
Max Charge/Discharge Current	1C/1C
Dimension(mm)	720*520*400
Weight (kg)	85
Life Cycle (@25°C)	6000
Life Time	≥10years
Operating Temperature (°C)	-20°C~60°C
Depth of discharge (DoD)	90%

System Parameter

System schematic



Qty. of batteries	1	2	3	4	5	6	7
Charge/Discharge temperature range	Charge: 0°C to 55°C/Discharge: -20°C to 55°C						
Cycle life	6000						
Nominal voltage/range(V)	102.4	204.8	307.2	409.6	512	614.4/528-691.2	716.8/616-806.4
Battery total energy(KWh)	5.12	10.24	15.36	20.48	25.6	30.72	35.84
Dimension(W*H*D)	720*520*400	720*740*400	720*960*400	720*1180*400	720*1400*400	720*1620*400	720*1840*400
Weight (kg)	85	140	195	250	305	360	415
Certification & Safety Standard	UN38.3/MSDS/IEC62619/EN61000-6-1-3						
Ingress protection	IP65						