



# ballastIQ\_home

All in One Energy Storage System

- Modular Power System Platform with a stable discharge platform, excellent safety performance and long cycle life.
- The BMS battery management system supports overcharge, over-discharge, over-voltage and other functional protections.
- Modular design supports expansion and maintenance.
- Equipped with ballastIQ\_integrate which can remotely view and manage system parameters.
- Optional with EMS (Customized microgrid energy management system, including energy storage, photovoltaic, grid, load, generator, video monitoring, etc.).

## All In One Energy Storage System

<b>Model</b>	<b>ballastIQ_wall 5120/10240/15360</b>
Nominal Voltage(Vdc)	51.2
Nominal Capacity(Wh)	5120/10240/15360
Working Voltage Range(VDC)	44.8-56.16
Charge Voltage(VDC)	58.4
Nominal Charge/Discharge Current(A)	50/100/150
Peak Current(A)	200/400/600@3sec
Parallel Connection	≤ 16 pcs
Cycle life	6000 @ 80% DOD, 25°C / 0.5C
<b>Structure</b>	
Dimension(mm)	520*470*142/800*590*142/856*820*176
Weight(Kg)	58/96/150
IP rating	IP65
Installation	Wall mounted/Floor stand
<b>Working Environment</b>	
Charge working temperature(C)	0~60
Discharge working temperature( C)	-20~60
Humidity(RH)	5~95%( w/o condensing)
<b>Communication</b>	
Communication Port	R\$485,CAN
Display	SOC status indicator, LED indicator

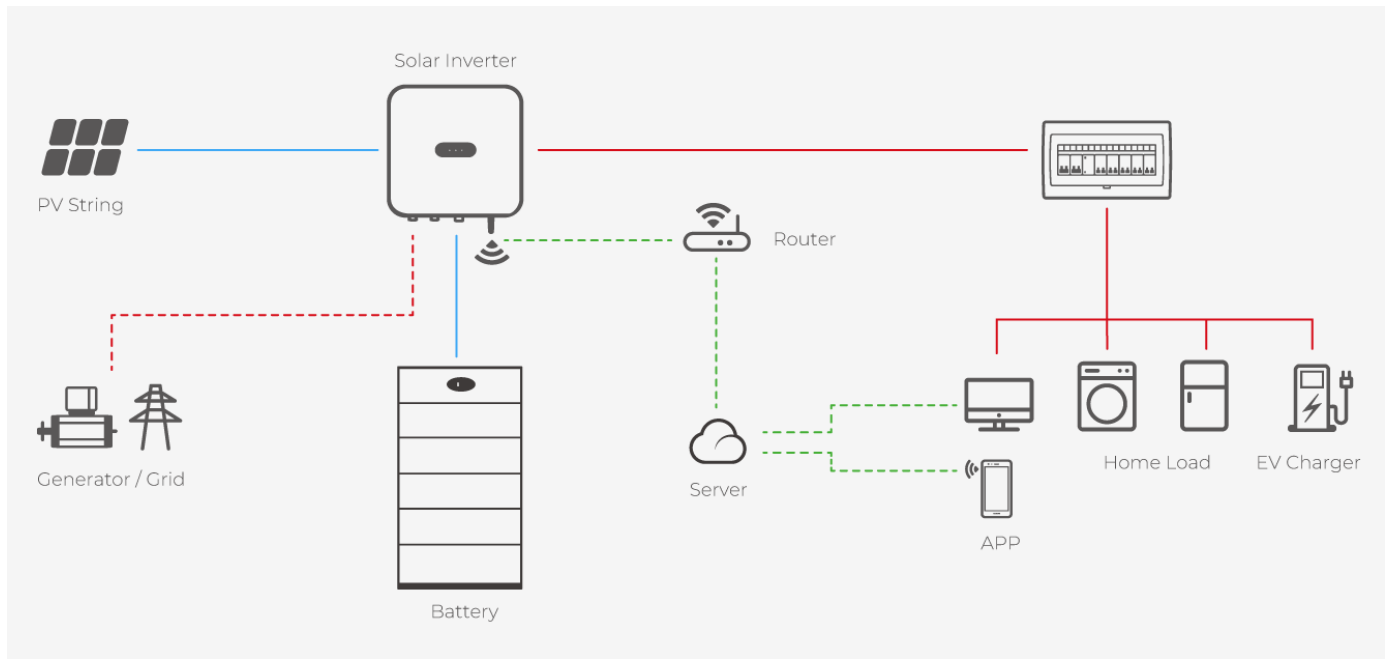


Figure 1 blockIQ Layout