

## SMART BESS

Expandable through the combination of multiple cabinets, wide capacity design range, easy and convenient on-site assembly, independent control for each cluster and channel, discharge depth exceeding 95%. Liquid cooling with temperature stability control, the temperature difference of battery cells can be controlled within 3°C, effectively ensuring the safety and high-performance operation of the system. Well-rounded application features, suitable for various scenarios such as industrial parks, microgrids, commercial complexes, etc.



Harnessing The Power Of Nature

# HELIOS-B233

## Liquid Cooling Energy Storage System

Excellent battery cell performance and long service life

Multi-unit parallel connection and coordinated control

PACK-level quick plug-in fuse protection

Three-phase four-wire, No isolation transformer required

Safe and environmentally friendly With strong adaptability

Cabinet-level fire protection



Farm



School



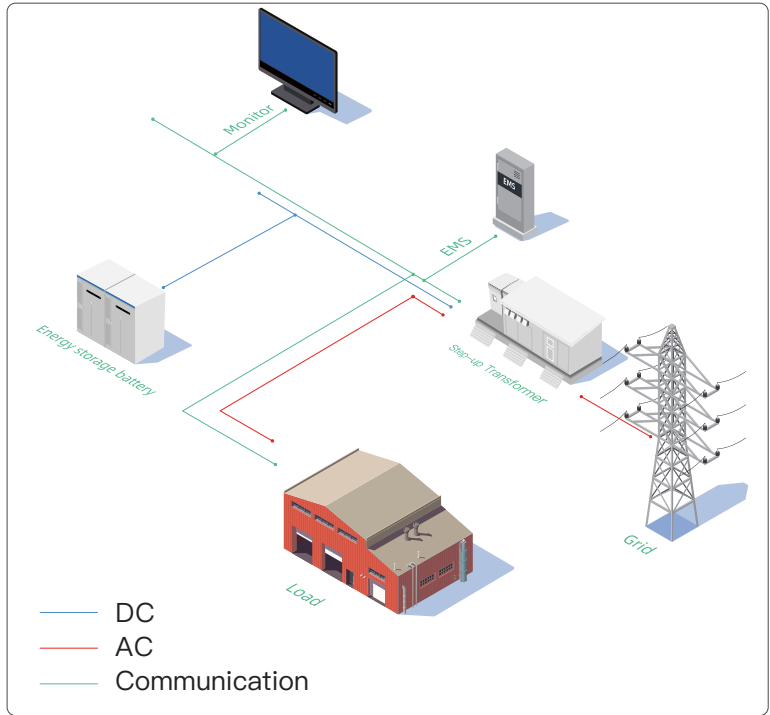
Factory



Commercial building



Hospital



Category	HTAES2-L100K233V1
<b>System Parameters</b>	
Cell Type	LFP3.2V/280Ah
System Rated Energy	233kWh
Battery Voltage Range	DC 728V~936V
AC-side Rated Power	100KW
Discharge Depth	90%DOD
Maximum System Efficiency	≥88%
Communication Interfaces	CAN/RS485
Protection Level	IP55
Noise	<75dB
Thermal Management Technology	Liquid Cooling (Temperature difference≤3°C)
System Combination	233*N (1≤N≤5)
Dimensions(L * D * H) mm	1345×1396×2350
Weight	2.8t
<b>AC-side Parameters</b>	
Rated Voltage/Rated Voltage Range	380V/380V±10%
Rated Frequency/Rated Frequency Range	50Hz/50±2.5Hz
Power Factor	-1...+1
Current Distortion Rate	<3%