

HLY-DLS 10.4K/14.3K/16K

Floor-Standing Residential Energy Storage System



Ultra-long Cycle Life

Grade A Premium LFP Cells Long-term
Anti-aging, Durable & Long-lasting.



Dual-Grid Adaptation

Smart grid savings, seamless switchover
during outages, uninterrupted appliance
operation.



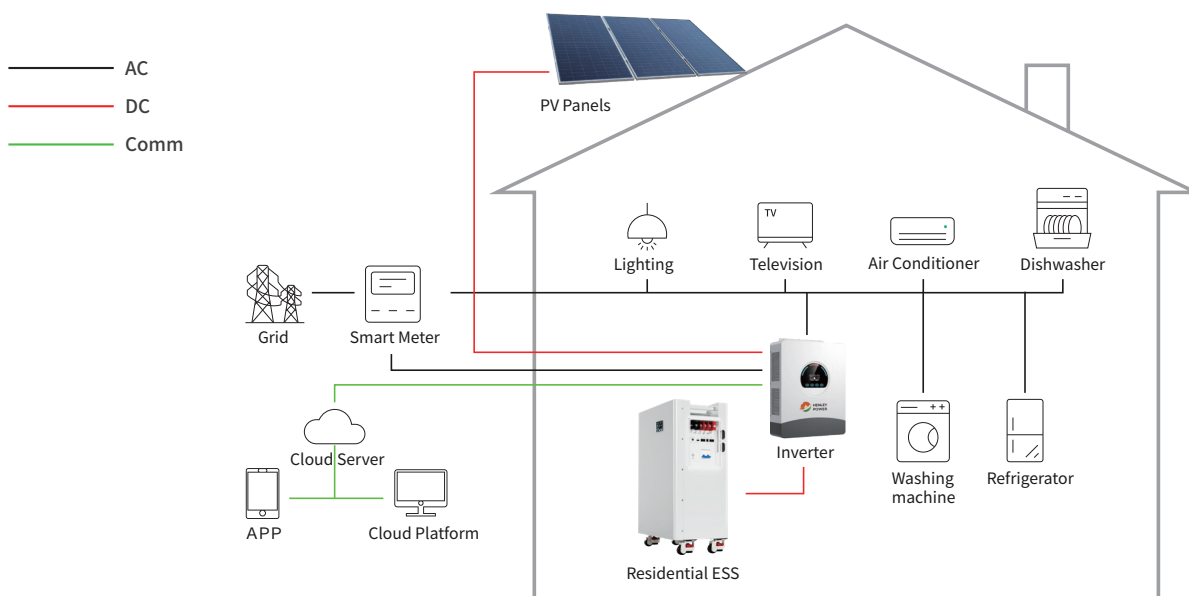
Smart & Worry-Free

APP remote intelligent control, real-time
monitoring, smart O&M, energy-saving
and efficient.



Full Coverage Security

Multi-protection & Early Warning,
Safe & Reliable All the Time.



System Specification

Model	HLY-DLS01601Z10.4K	HLY-DLS01601Z14.3K	HLY-DLS01601Z16K
Cell Type / Capacity	LFP-205Ah	LFP-280Ah	LFP-314Ah
Rated Battery Energy	10.4kWh	14.3kWh	16kWh
Nominal voltage	51.2V		
Charging Cut-off Voltage	58.4V		
Discharging cut-off voltage	43.2V		
Communication methods	CAN/RS485/Bluetooth		
Battery pack specification	1P16S		
Dimensions	570.4mm (W) *328.8mm (D) *734.6mm (H) (excluding wheels)		
Weight	About 120kg	About 140kg	About 140kg
IP Grade	IP54		
Operating temperature	-20~40°C		
Storage temperature	-30~50°C		
Altitude	<1000m		
Humidity	≤95%, non-condensing		
Cabinet color	Signal white, Orange texture		
Cabinet material	1.5mm Carbon steel		
Cycle Life	≥8000 cycles@0.5C, 25±2°C, ≥70%EOL		
Certifications	IEC 62619、IEC 61000、UN38.3、MSDS		

