

ESS-261

PV-Storage-Diesel Microgrid System



Peak shaving and valley filling,
peak-valley arbitrage



Automatic switching
between grid-connected
and off-grid loads



Transformer-free, auto-
matic unbalanced output



Quick installation
and deployment



Small size, light
weight



Simple and
easy to use

ESS -261Product Introduction

BESS Model	ES 261-HVLC
Capacity	261kWh(52.25kWh*5)
Nominal Voltage	832V
Nominal Capacity	314AH
Cabinet Size (mm)	1000*1350*2400
Weight (kg)	2750KG
Charge/discharge power MAX	157A
Cooling method	Liquid-cooled
Protection class	IP54
Type of firefighting	Aerosol
Battery Module Specification	
Battery Types	166.4V-314AH
Nominal Capacity (KWh)	52.249KWh
Recommend Charge/Discharge Current (A)	157
Max. Charge/Discharge Current (A)	157
Communication	RS485/CAN
Working Temperature	0°C~50°C (Charge) ; -10°C~50°C (Discharge)
Transport or Storage Temperature Range	-20°C~60°C
Certification	CE/IEC/UL/UN38.3/MSDS
Design Life	15years+
Cycle Life	(0.5C/0.5C-80% DOD)>6000 times
Cooling method	Liquid-cooled
Certification	UN38.3/MSDS/ROHS
Inverter	
Rated Power	125KW
Overloaded	110%
Rated AC Voltage	3L/N/PE Three Phase
Rated frequency	50/60Hz