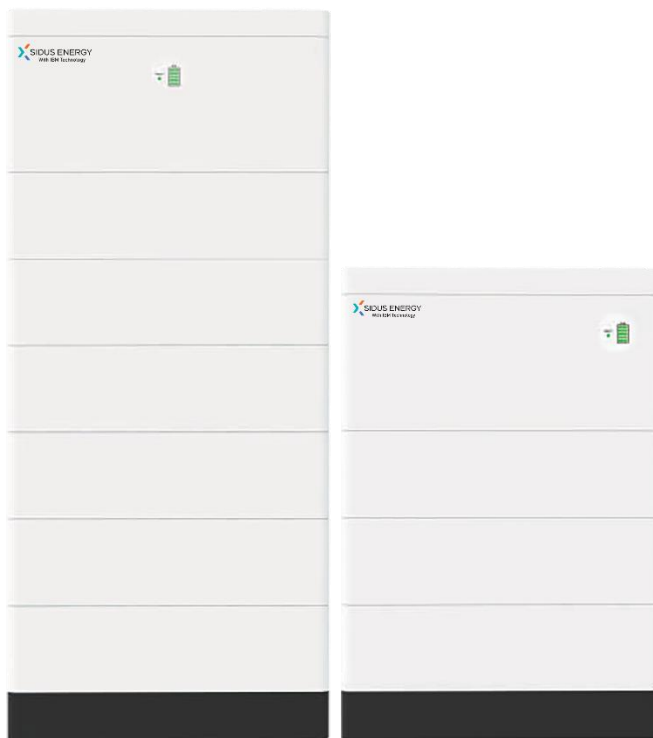


NEO Casa

High Voltage Stackable ESS for Home Application



- **High Safety**
Long lifetime LFP cell and multiple protection.
- **Energy Management**
Peak shaving.
Monitoring and indicating status of battery and other equipment.
- **Frequency Regulation**
Fast response and high accuracy to provide regulation service for grid.
- **Easy Expansion**
Stackable design for easy capacity expansion.
- **Standard Interface**
Standard interface for communication and HV connection.

NEO Casa Technical Data

Model	SER-HVL	SER-HVH
Parameter		
Nominal Voltage (Vdc)	51.2	51.2
Nominal Capacity (Wh)	2560	5120
Working Voltage Range (Vdc)	129.6-516.6	129.6-350.4
Charge Voltage (Vdc)	56.16	56.16
Nominal Charge/Discharge Current(A)	25	50
Max. Charge/Discharge Current(A)	50	100
Peak Current(A)	100@3sec	200@3sec
Series Connection	3-10 pcs	3-6 pcs
Cycle Life	6000 @ 80% DOD, 25°C / 0.5C	
Structure		
Power Module Dimensions(mm)/Weight(kg)	600*210*250 /14	610*225*250 /15
Battery Module Dimensions(mm)/Weight(kg)	600*210*160 /27	610*225*250 /52
Lampstand Module Dimensions(mm)/Weight(kg)	600*210*90 /5	610*225*90 /5.5
Top Cap Module Dimensions(mm)/Weight(kg)	600*210*50 /2.5	610*225*50 /3
IP Rating	IP65	
Installation	Stacked	
Working Environment		
Charge Working Temperature(°C)	0-55	
Discharge Working Temperature(°C)	-20~60	
Altitude (M)	<2500	
Humidity (RH)	5-95% (w/o condensing)	
Communication		
Communication Port	RS485, CAN	
Display	SOC status indicator, LED indicator	
Certification		
CB, IEC62619, CE-EMC, CE-GPSP, UKCA, UL1973, UL9540A, EN62040, IEC62040; UN38.3, MSDS		

NEO Casa

Low Voltage Stackable ESS for Home Application



- **High Safety**
Long lifetime LFP cell and multiple protection.
- **Energy Management**
Peak shaving.
Monitoring and indicating status of battery and other equipment.
- **Frequency Regulation**
Fast response and high accuracy to provide regulation service for grid.
- **Easy Expansion**
Stackable design for easy capacity expansion.
- **Standard Interface**
Standard interface for communication and LV connection.

NEO Casa Technical Data

Model	SER-LV
Parameter	
Nominal Voltage (Vdc)	51.2
Nominal Capacity (Wh)	5120
Working Voltage Range (Vdc)	44.8-56.16
Charge Voltage (Vdc)	58.4
Nominal Charge/Discharge Current(A)	50
Max. Charge/Discharge Current(A)	100
Peak Current(A)	200@3sec
Parallel Connection	≤ 6 pcs
Cycle Life	6000 @ 80% DOD, 25°C / 0.5C
Structure	
Dimension(mm)	600*210*300
Weight(kg)	50.5
IP Rating	IP65
Installation	Stacked
Working Environment	
Charge Working Temperature(°C)	0-55
Discharge Working Temperature(°C)	-20~60
Altitude (M)	<2500
Humidity (RH)	5-95% (w/o condensing)
Communication	
Communication Port	RS485, CAN
Display	SOC status indicator, LED indicator
Certification	
CB, IEC62619; CE-EMC, CE-GPSD, UKCA; UN38.3, MSDS	