

NEO Casa

Low Voltage Wall-mounted BESS 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)	5220
Working Voltage Range (Vdc)	44.8-57.6
Charge Voltage (Vdc)	57.6
Nominal Charge/Discharge Current(A)	60
Max. Charge/Discharge Current(A)	60
Parallel Connection	≤ 6 pcs
Cycle Life	6000 @ 80% DOD
Protection	
Battery Protections	Over-current/Over-voltage/Short-circuit/Under-voltage/Over temperature
Structure	
Dimension(mm)	680*480*180
Weight(kg)	47
IP Rating	IP66
Installation	Wall-mounted or floor-standing
Working Environment	
Charge Working Temperature(°C)	0-50
Discharge Working Temperature(°C)	-15~50
Altitude (M)	<2500
Humidity (RH)	15-85% (w/o condensing)
Communication	
Communication Port	RS485, CAN
Certification	
CE, IEC62619, IEC61000, IEC62040, IEC63056, UN38.3, MSDS	