

**Energy Storage Systems** 





## About

Servotech is dedicated to creating value through transformative change, with a commitment to advancing a green future through sustainable development and relentless innovation. Our eco-friendly products are designed to lead the way in renewable energy and electric mobility. With an extensive presence spanning over two decades we have curated high value solutions.

Our green product portfolio features comprehensive solar solutions, including solar panels, inverters, and batteries. The Servlith Series energy storage systems are a notable addition to our robust lineup of efficient solar products, reflecting our forward-thinking approach. Recognizing the importance of integrating cutting-edge technology, we have developed these advanced energy storage systems. Servotech continues to push the boundaries of solar technology, ensuring we deliver superior performance and innovation to our customers.

#### Solar, Simplified with Servlith Series

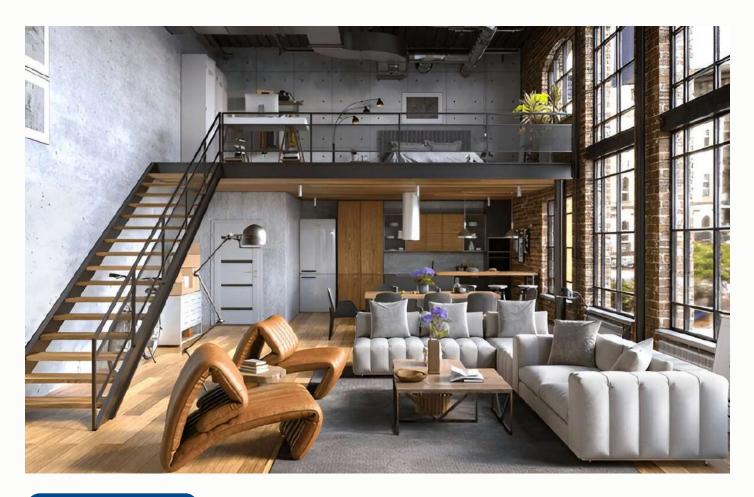
Servotech's Servlith Series with its new and improved advanced technology redefines the concept of renewable power. Crafted with sincerity, built on reliability, Servlith series is a reflection of Servotech's long lasting legacy of technology driven reliable and durable products.

#### Here is why you should choose us:

- **Industry Leader:** As a pioneering solar solutions provider, Servotech leads innovation in the renewable energy sector, with products trusted by customers globally.
- **Precision Engineering:** Our Servlith Series Lithium Battery are expertly crafted for efficient energy storage, ensuring maximum power output.
- **High Efficiency**: Designed with a focus on optimal performance, Servotech Lithium Battery provide high energy storage rates.
- User-Friendly Design: Featuring easy-to-use interfaces and simple installation, our Lithium Battery offer a seamless experience, making solar power accessible and convenient for all households.



#### **Energy Storage Systems**



#### **APPLICATION**



Suitable for photovoltaic energy storage

High charge and discharge currents of up to 100A/200A, suitable for solar energy storage systems.



Ultra-long cycling life

5000 battery cycles, with 5-year warranty and designed lifespan of over 10 years.



LCD display

Equipped with a display screen with communication pofis (CAN/RS485/RS232).



Wall-mountable design

Compact design of the energy wall, small size, space-saving.



Multiple protection design

Built-in protections against overcharge, over-discharge, over-temperature, over-current, Short-circuit, etc.



Communication friendly

Can communicate with different brands of hybrid energy storage Inverters.



#### **Energy Storage Systems**

## **Technical Specifications**

Technical Specification	2.5kWh	5kWh	4.8kWh	9.6kWh	14.4kWh	5.1kWh	10.2kWh	15.3kWh		
Case design	Stand by the wall & Hang on the wall									
Battery Type	LiFePO₄									
Nominal Battery Model	ST-SL2510	ST-SL2520	ST-SL4810	ST-SL4820	ST-SL4830	ST-SL5110	ST-SL5120	ST-SL5130		
Nominal Capacity(25°C,0.2C)	2560Wh	5120Wh	4800Wh	9600Wh	14400Wh	5120Wh	10240Wh	15360Wh		
Voltage range(VDC)	20~2	29.4V	40~58.4V							
Float Charge Voltage(VDC)	27.6V 55.2V			55.2V		58.4V				
Max Continuous Discharge Current(A)		100A 200A 100A				)A	200A			
Max Continuous charge Current(A)	100A									
Cycle life,+25°C,0.2C100%DOD	>5000Cycles									
Storage temperature	10~45°C									
Storage duration	3 Months at 25°C									
Degree of protection	IP20									
Communication	CAN/RS485/RS232, standard BMS with SERVOTECH inverter Conmmunication protocol									
Protection										
Protection	Over-current protection, Over-discharge protection, Short circuit protection, Over-charge protection									
Ambient										
Working Temperature	Discharge:20°C~+65°C Charge0°C~+45°C									
Humidity	0~95% (no condensation)									
Dimensions W x D x H (mm)	460*195*642	460*180*872	460*195*642	460*180*872	460*273*973	460*195*642	460*180*872	460*273*973		



## **Energy Storage Systems**

#### **Technical Specifications**

Technical Specification	1280wh		2560kWh			3840kWh				
Case design	Stand by the wall & Hang on the wall									
Battery Type	LiFePO <sub>4</sub>									
Nominal Battery Model	ST-SL1210 ST-SL1220			ST-SL1230						
Nominal Capacity(25°C,0.2C)										
Voltage range(VDC)	10.5-14.5V									
Float Charge Voltage(VDC)	14V									
Max Continuous Discharge Current(A)	100A									
Max Continuous charge Current(A)	50A									
Cycle life,+25°C,0.2C100%DOD	>5000Cycles									
Storage temperature	10~45°C									
Storage duration	3 Months at 25°C									
Degree of protection	IP20									
Communication	CAN/RS485/RS232, standard BMS with SERVOTECH inverter Conmmunication protocol									
Protection										
Protection	Over-current protection, Over-discharge protection, Short circuit protection, Over-charge protection									
Ambient										
Working Temperature	Discharge:-20°C~+65°C Charge:0°C~+45°C									
Humidity	0~95% (no condensation)									
Dimensions W x D x H (mm)	240*185*215									



# INDIA'S **MOST TRUSTED**





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