

# Home Energy Storage (Stackable, LV)



## KEY STRENGTHS



### High Efficiency

Max. efficiency 100%



### Easy installation

45 Kg Battery modules



### Safe and Reliable

Lithium iron phosphate battery cells



### Perfect Compatibility

Work with leading branded inverters

## Product Introduction



Scalable from 5 kWh to 320 kWh



LFP battery, safest and long cycle life



Compatible with a variety of mainstream inverter



Stackable design, effortlessly installation



Maximum Flexibility for any Applications with up to 64 Modules Connected in Parallel



Capable of High-Powered Emergency-Backup and Off-Grid Function

### ⚡ Battery Module

- 5.12 kWh per Module
- Modular and Stack Installation Design to simplify the maintenance
- Connect up to 64 module in parallel for a maximum size of 320 kWh.

### Flexible, Efficient, Simple



#### Plug Connection

No Additional Wiring Required



#### 5-60KWH

Tailored Sizing for Each Application



#### Extend Anytime

Easily Adapts to New Requirements



#### High Power

Power for Every Application

### Technical Parameters

<b>Battery Module</b>	ZHSL-48100					
Number of Modules	1	2	3	4	5	6
Usable Energy [1]	5 kwh	10 kwh	15 kwh	20 kwh	25 kwh	30 kwh
Max Cont. Output Current [2]	100 A	100 A	100 A	100 A	100 A	100 A
Nominal Voltage	51.2 V					
Operating Voltage	43.2-58.4 V					
Operating Temperature	-10°C to +50°C					
Battery Cell Technology	Lithium Iron Phosphate					
Communication	CAN / RS485					
Enclosure Protection Rating	IP55					
Round-Trip Efficiency	95%					
Scalability [3]	Max. 64 Modules in Parallel (320 kWh)					
	UN38.3					
Applications	ON Grid + Backup / OFF Grid					