

Zineric O1 Energy Storage

5,12 kWh LV Rack



All-time monitoring



Long lifespan



Safety form home



Auto-protection against overvoltage, current, temperature



Displaying the charge level



High scalability (up to 20.48 kWh)



Small size



Easy installation

ZINERIC



Work with:

GROWATT

GOODWE



Deye

houmiles

SMA

SGFAR

Solplanet

Model		Zineric O1 5,12 kWh LV Rack
Battery type	LifePO4 (LFP)	
Nominal voltage	51,2 V	
Nominal capacity	5,12 kWh	
Usable capacity	4,608 kWh	
Design life	+10 years (25°C/77°F)	
Dimension (mm)	480x443x133	
Weight (kg)	43,4	
Cycle life	>6000 cycles (25°C±2°C, 80% DOD)	
Discharge voltage	44,8 V	
Charge voltage	56,8 V	
Charge current	50 A (recommended); 100 A (max)	
Internal resistance	≤30mΩ	
Power consumption	<2 W (work) < 100 mW (sleep)	
Monitoring parameters	System voltage, current, cell voltage, cell temperature, module temperature	
SOC	Intelligent algorithm	
Communication	CAN/RS-485	
Operating temperature range	Charge temperature 0°C ~ 60°C: Discharge temperature -20°C ~ 60°C	
Storage temperature range	-20°C ~ 45°C	
Humidity	15% ~ 85% (no condensing)	
Product warranty	5 years	
Performance warranty	10 years	