

## STACK

Landport Energy's Stack Home Energy Storage System offers the flexibility to harness your green energy, even on days when sunlight is limited, with its stackable modular design.

STACK-5 5kWh  
STACK-10 10kWh  
STACK-15 15kWh  
STACK-20 20kWh

### Flexibility

Stackable modular design, easily extendable  
5kWh per module, maximum 4 modules per unit  
Scalable to max.60kWh

### Easy to Install

Wireless module installation  
Compact and lightweight, installation requires only two persons

### Excellent Performance

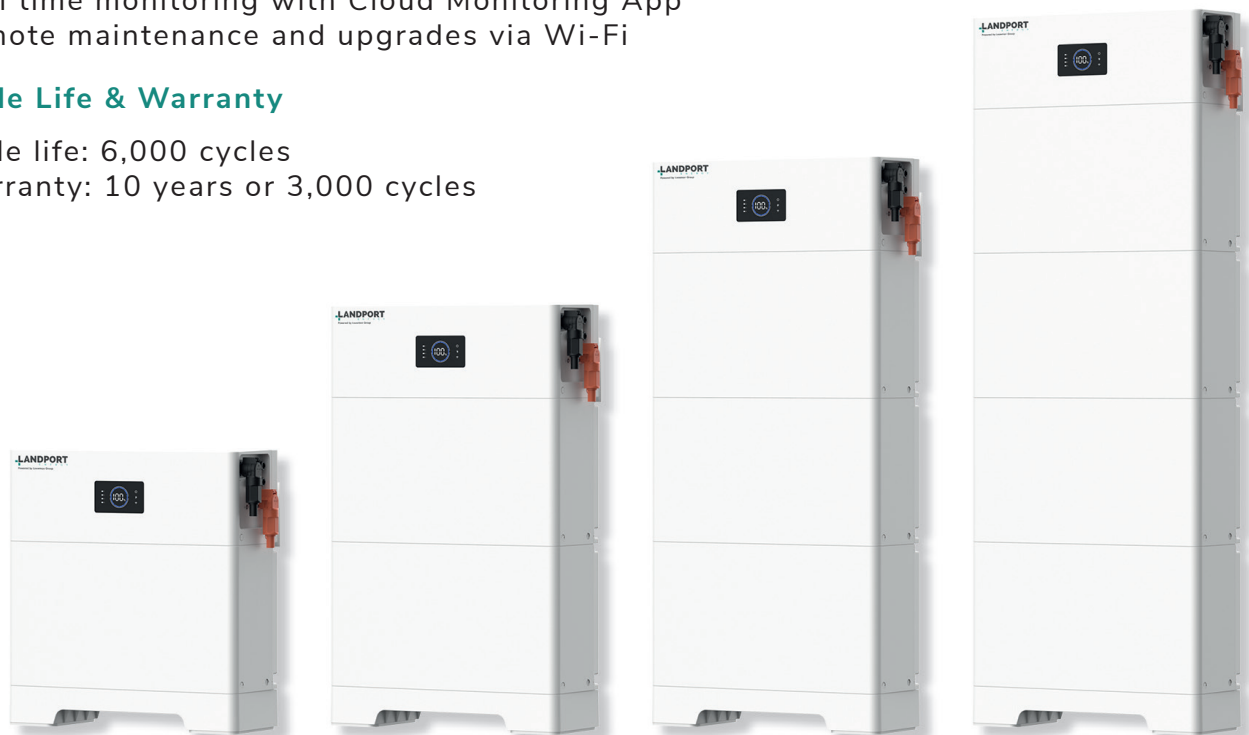
100% DOD (Depth of Discharge)  
Operates at -10°C without limitations or attenuation

### Remote Access & Control

Real time monitoring with Cloud Monitoring App  
Remote maintenance and upgrades via Wi-Fi

### Cycle Life & Warranty

Cycle life: 6,000 cycles  
Warranty: 10 years or 3,000 cycles



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## Specifications

Model Control Module		STACK Control Box			
Rated voltage		51.2V			
Max. current		200A			
Model Battery Module		STACK-5 Battery (5kWh)			
Cell type		LFP			
Rated voltage		51.2V			
Operating voltage		44.8V~55.2V			
Battery group method		16S1P			
Rated capacity		100Ah			
System Model	STACK-5	STACK-10	STACK-15	STACK-20	
Number of battery modules	1	2	3	4	
Rated energy	5kWh	10kWh	15kWh	20kWh	
Max. discharge and charge current	100A	180A	200A	200A	
Dimensions W*H*D (mm)	573*597*189	573*912*189	573*1227*189	573*1542*189	
Net weight	65kg	115kg	165kg	215kg	
Round trip efficiency	95%				
External communication	CAN/RS485/WiFi				
Scalable	Up to 3 cabinets in parallel				
Protection class	IP55				
Installation	Indoors				
Operating temperature	Charging -10°C~50°C; Discharging -20°C~50°C				
Storage temperature	-30°C~60°C				
Working humidity	10%~95%RH, no condensation				
Working altitude	<4,000m				
Cooling	Natural convection				
Safe transport	UN38.3				
Certification	UL1973,FCC,UL9540,CEC,UL9540A,IEC62619,CE, CEI 0-21				
Cycle life	6,000 cycles (25°C, 0.5C/0.5C, 90%DOD, SOH70%)*				
Warranty	10 years (min. SOH 70%) or 3,000 cycles (min. energy throughput: 12.7MWh/90%DOD/SOH 70% per 5kWh)				

\*6,000 cycles or more: The number of cycles possible with this battery makes it ideal for long term use. With an average of 250 cycles per year, the Stack has an estimated service life of nearly 25 years.



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