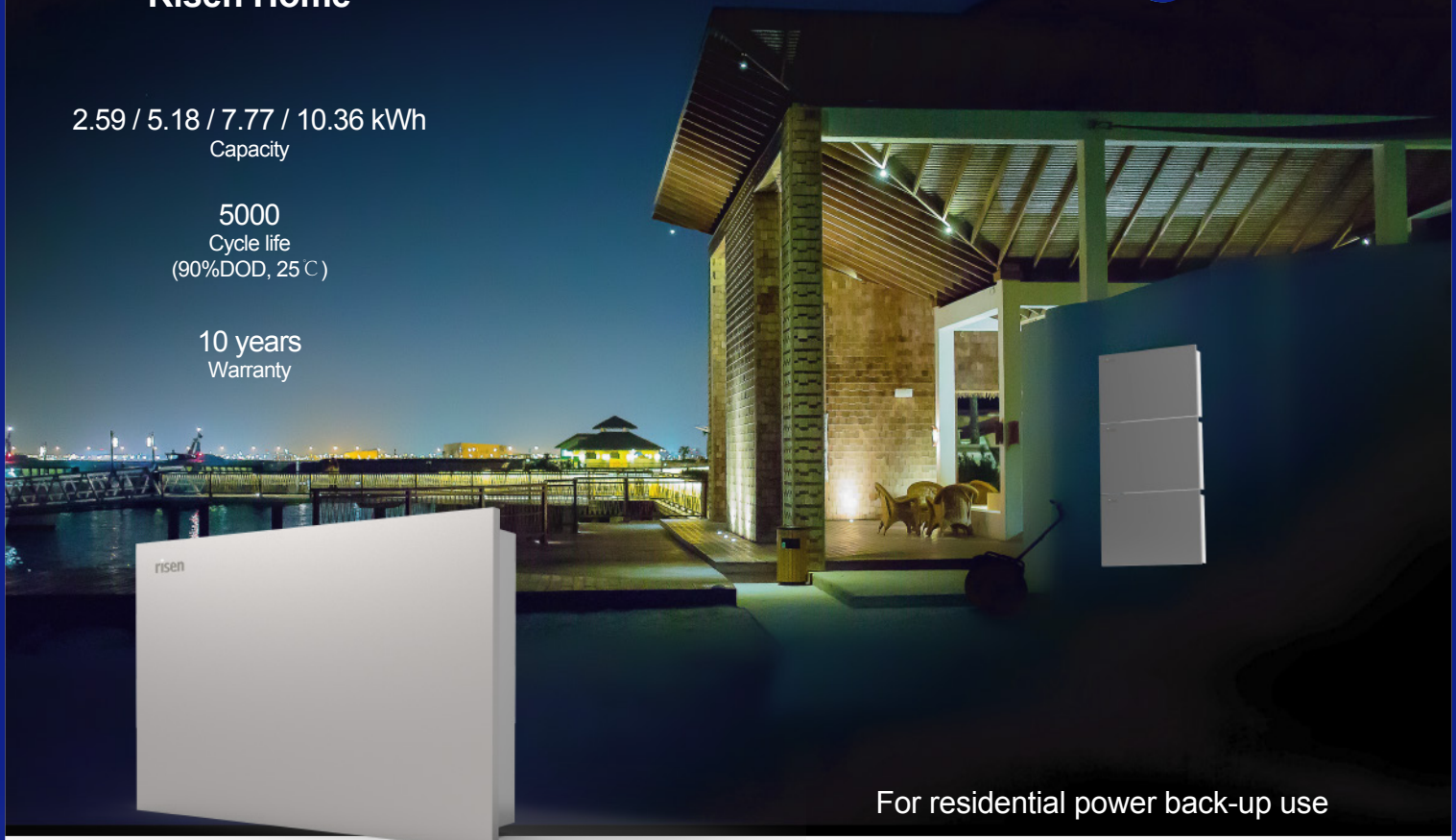


# Risen Home

2.59 / 5.18 / 7.77 / 10.36 kWh  
Capacity

5000  
Cycle life  
(90%DOD, 25°C)

10 years  
Warranty



For residential power back-up use



Safety



System  
Diversity



Flexible  
Installation



Modularized



Expandable



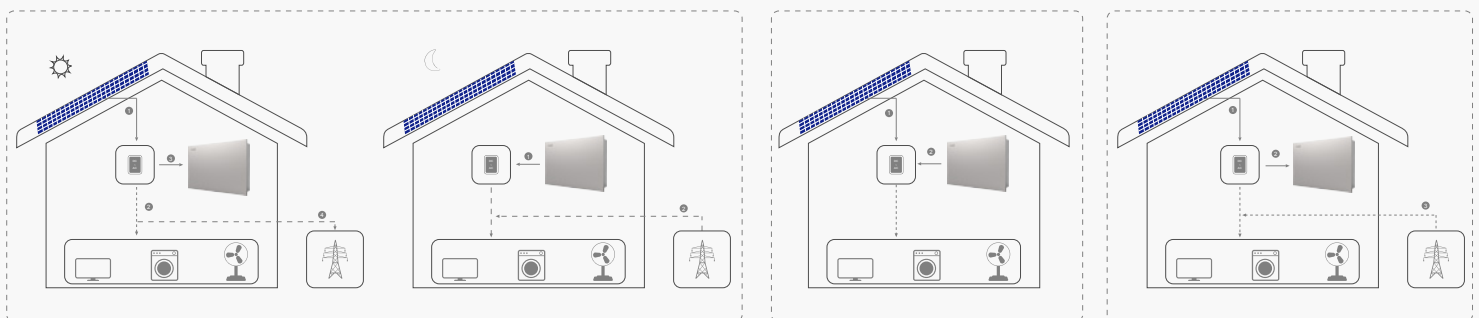
Cost-effective



Emergency  
Power Back-up

## Application

—— DC current  
- - - - AC current



On-grid mode (daytime)

1. PV power generation
2. Supply to load
3. Charge battery
4. Sell to grid

On-grid mode (night)

1. Battery supply to load
2. Grid supply to load

Off-grid mode





1. PV power generation
2. Battery supply to load

UPS mode




1. PV power generation
2. Charge battery
3. Grid supply to load

## TECHNICAL PARAMETERS

### 51.8 V (100 AH ~ 400 AH)

Parameters	SH51.8V50Ah	SH51.8V100Ah	SH51.8V150Ah	SH51.8V200Ah
Models				
Nominal voltage (V)	51.8			
Nominal capacity (Ah)	50	100	150	200
Nominal energy (kWh)	2.59	5.18	7.77	10.36
Max. charge / discharge current (A)	30	60	90	120
DOD	90 %			
Communication	CAN / RS485			
Cycle life (90% DOD, 25 °C)	5000 (10 years)			
Certificate	UL1973, IEC62619, CE-EMC, TUV, UN38.3, MSDS			
Level of protection	IP55 (optional)			
Dimension (W*H*D) (mm)	620*430*140	620*860*140	620*1290*140	620*1720*140
Weight (kg)	30	30*2	30*3	30*4
Warranty	10 years			

### (103.6 V ~ 207.2 V) 50 AH

Parameters	SH103.6V50Ah	SH155.4V50Ah	SH207.2V50Ah
Models			
Nominal voltage (V)	103.6	155.4	207.2
Nominal capacity (Ah)	50		
Nominal energy (kWh)	5.18	7.77	10.36
Max. charge / discharge current (A)	30		
DOD	90 %		
Communication	CAN / RS485		
Cycle life (90% DOD, 25 °C)	5000 (10 years)		
Certificate	UL1973, IEC62619, CE-EMC, TUV, UN38.3, MSDS		
Level of protection	IP55 (optional)		
Dimension (W*H*D) (mm)	620*860*140	620*1290*140	620*1720*140
Weight (kg)	30*2	30*3	30*4
Warranty	10 years		
Control box	Matching system		