

Parameters of Residential Energy Storage Battery		
Series Name	XESHES series	
Model	XESHES-U-48V13.5kWh-A	XESHES-U-48V13.5kWh-A-H
Rated battery power	13.44kWh	13.44kWh
Rated capacity	280Ah	280Ah
Depth of discharge	90% DOD	90% DOD
Rated battery voltage	48VDC	48VDC
Voltage range	40.5~53.25VDC	40.5~53.25VDC
Maximum charge voltage	53.25VDC	53.25VDC
Rated discharge current	140A	140A
Rated charge current	100A	100A
Rated DC Power(kW)	6.72	6.72
Usable Battery Capacity (kWh)	12.09	12.09
Maximum discharge current	140A	140A
Maximum charge current	100A	100A
Efficiency	>93%	>93%
Environmental conditions	Outdoor	Outdoor
Operating temperature	Charging: 0℃~40℃	Charging: -20℃~40℃
Operating temperature	Discharging: -20℃~40℃	Discharging: -20℃~40℃
Dimensions (L* W * H)	490±2*251.3±2*832±2mm	490±2*251.3±2*832±2mm
Weight	116±5kg	116±5kg
Cooling method	Natural cooling	Natural cooling
Case material	Metal	Metal
Installation method	Floor fixing	Floor fixing
Enclosure	IP65	IP65
Service life	>10 years (1 charge cycle/day)	>10 years (1 charge cycle/day)
Communication mode	RS-232, RS-485, CAN	RS-232, RS-485, CAN
Protections	Overvoltage, overcurrent, overtemperature, undervoltage, short circuit	Overvoltage, overcurrent, overtemperature, undervoltage, short circuit
Junction box system	Dimensions (L* W * H):212±2*130±2*410±2mm Weight: 6±1kg	Dimensions (L* W * H):212±2*130±2*410±2mm Weight: 6±1kg
Heating function	Not Available	Built-in Heating Film