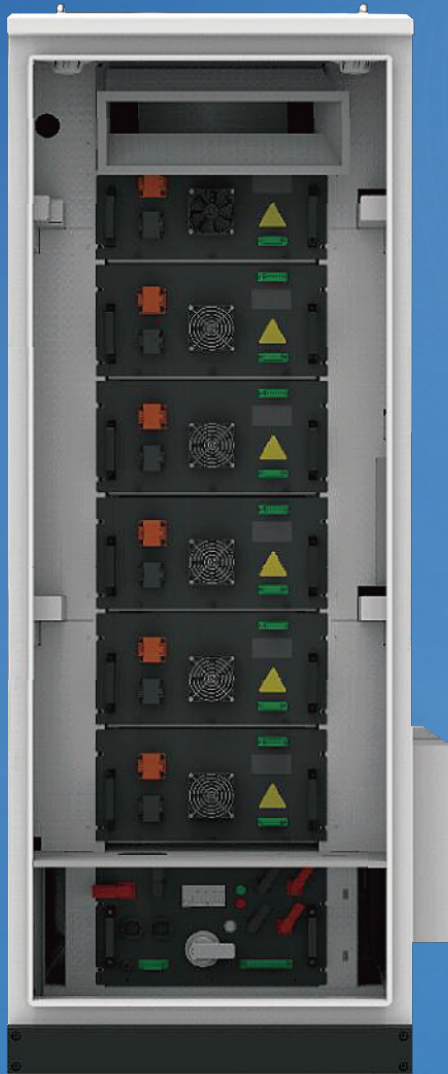


UJONWE®

All-in-one Air-cooled
Hybrid Solar ESS Cabinet

YJH-E107WS



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Peak Shaving
cash out
- 

Stable power
supply
- 

Green
energy
- 

Flexible
installation

SPECIFICATIONS

Item	Specifications	Remarks
PRODUCT MODEL		YJH-E107WS
DC Side		
Cell type	LFP 280Ah	
Grouping method	1P120S	
Rated energy	107.52kWh	100%DOD, 25°C, 0.5P
Rated capacity	280Ah	
Rated voltage	384V	
Recommended voltage range	DC 336V~432V	Cell volt lower limit 2.8V Cell volt upper limit 3.6V
System		
Energy conversionefficiency	≥94%	Excluding communication
Charge discharge rate	0.5P	Constant power
Depth Of Discharge	95%DOD	
Cycle life	≥6000 times(25+2°C)	Rated operating conditions: 25+2°C, 0.5P and 95%DOD
Protection level	IP55	
Cooling method	Forced air cooling	
Operation temperature	-25 to 55°C°C	
Relative humidity	0-95%RH	
Working Altitude	≤2000m	Derated above 2000m, max application altitude ≤ 4000m
Dimensions (W*D*H)	800*1200*2100mm	
Total weight	Appr. 1456kg	
Fire protection system	Smoke/temperaturedetection+fully submerged gas fire extinguishing(aerosol)	
Communication	Ethernet/RS485	
Standards complied with	GB/T 36276,GB/T 34120,GB/T 34131,UN38.3,IEC62619,UL9540A, CE-EMC	