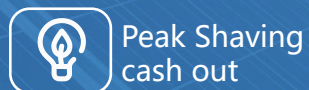
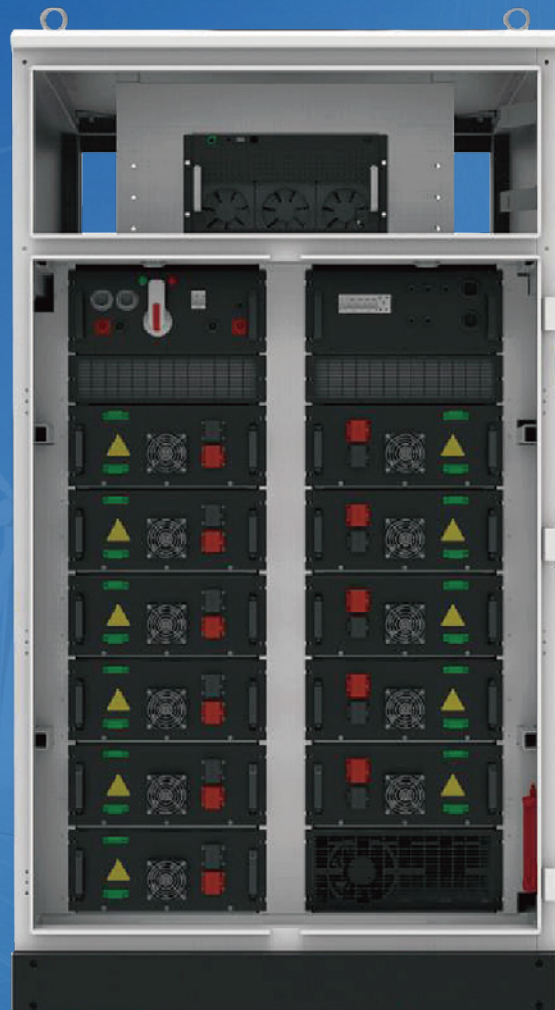


# UJOINWE®

## All-in-one Air-cooled ESS Cabinet (1P)

YJH-E100WX



Peak Shaving  
cash out



Stable power  
supply



Green  
energy



Flexible  
installation

### SPECIFICATIONS

Item	Specifications	Remarks
<b>PRODUCT MODEL</b>	<b>YJH-E100WX</b>	
<b>DC Side</b>		
Cell type	LFP 120Ah	
Grouping method	1P264S	
Rated energy	101kWh	100%DOD, 25°C, 1P
Rated capacity	120Ah	
Rated voltage	844.8V	
Recommended voltage range	DC 739.2-950.4V	Cell volt lower limit 2.8V Cell volt upper limit 3.6V
<b>AC Side</b>		
Rated output power	100kW	
Max AC power	110kW(continuous, 1 minute)	
Grid Voltage	400Vac/3P+N+PE	
Grid Frequency	50Hz/60Hz	
THDi	<3%	
DC component	<0.5%lpn	
Power factor range	-1 lagging to 1 leading	
<b>System</b>		
Energy conversion efficiency	≥89%	Excluding auxiliary power consumption
Charge discharge rate	1P	Constant power
Depth Of Discharge	95%DOD	
Cycle life	≥5000 times(25+2°C)	Rated operating conditions: 25+2°C, 1P and 95%DOD
Protection level	IP55	
Cooling method	Forced air cooling	
Operation temperature	-25 to 55°C	
Relative humidity	0-95%RH, without condensation	
Working Altitude	≤2000m	Derated use for altitude above 2000m
Dimensions (W*D*H)	1250*1200*2250mm	
Total weight	Approximately 1850kg	
Fire protection system	Smoke/temperature detection+fully submerged gas fire extinguishing (aerosol)	
Communication	Ethernet/RS485	
Standards complied with	UN38.3,IEC62619,UL1973,UL9540,and CE-EMC	