

UJOINWE®

All-in-one Air-cooled ESS Cabinet

YJH-E215WS



Peak Shaving
cash out



Stable power
supply



Green
energy



Flexible
installation

SPECIFICATIONS

Item	Specifications	Remarks
PRODUCT MODEL	YJH-E215WS	
DC Side		
Cell type	LFP 280Ah	
Grouping method	1P240S	
Rated energy	215.04kWh	100%DOD, 25°C, 0.5P
Rated capacity	280Ah	
Rated voltage	768V	
Recommended voltage range	DC 672-864V	Cell volt lower limit 2.8V Cell volt upper limit 3.6V
AC Side		
Rated output power	100kW	
Max AC power	110kW(continuous 1minute)	
Grid Voltage	400Vac/3P+N+PE	
Grid Frequency	50Hz/60Hz	
THDi	<3%	
DC component	<0.5%pn	
Power factor range	-0.98~0.98	
System		
Energy conversionefficiency	≥89%	Excluding auxiliary power consumption
Charge discharge rate	0.5P	Constant power
Depth Of Discharge	95%DOD	
Cycle life	≥8000 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, without condensation	
Working Altitude	≤2000m	Derated use for altitude above 2000m
Dimensions (W*D*H)	1250*1300*2400mm	
Total weight	Approximately 2,500kg	
Fire protection system	Smoke/temperature detection+ fully-submerged aerosol fire extinguishing	
Communication	Ethernet/RS485	
Standards complied with	GB/T 36276,GB/T 34120,GB/T 34131,UN38.3,IEC62619,UL1973,UL9540,and CE-EMC	