

# AIO Industrial&Commercial ESS Energon AC200-PV



High-density energy, safe and scalable



Intelligent fire extinguishing system



PACK-level liquid cooling technology



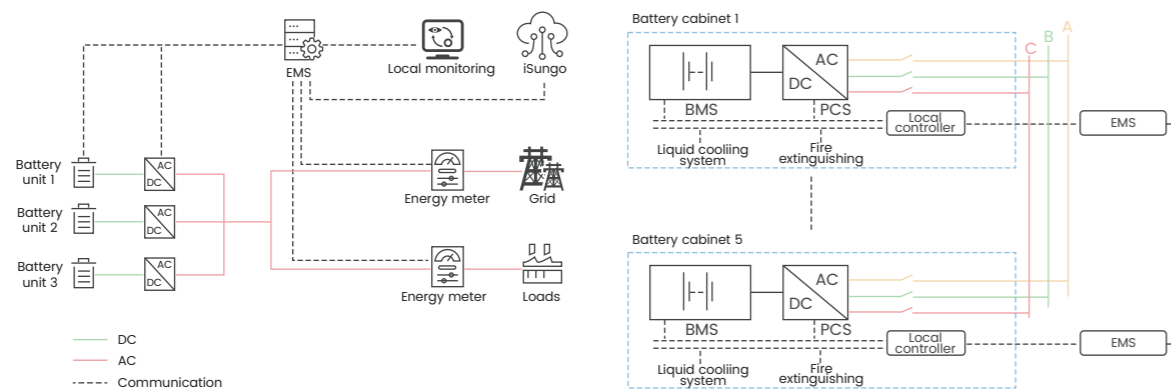
BMS ensures optimal battery operation



Easy to install and expand



Suitable for diverse scenarios



## Technical Parameters

Model	Energon AC200-PV
<b>Battery Parameters</b>	
Cell type	LFP
System configuration of cells	240S1P
Capacity of Battery units	215kWh
Voltage range of Battery units	648-876Vdc
<b>PV Parameters</b>	
Max system voltage	900V
MPPT voltage range	300~900V
Max input current	320A
Nos of MPPT	1
Nos of input	2
<b>AC Parameters</b>	
Rated output power	100kW
THDi	< 3% (Rated power)
Direct component	< 0.5% (Rated power)
Rated AC voltage	400V
AC voltage range	340~460V
Rated AC frequency	50/60Hz
AC frequency range	45~55/54~66Hz
AC connection	3W+N+PE
<b>System Parameters</b>	
Dimension (W*D*H)	1340mm*1440mm*2350mm
Weight	2200Kg
MAX efficiency	≥90%
Charge/Discharge rate	0.5C
DOD	90%
Cycle index	>6000 (100%DOD, 80%SOH)
Protection	IP54
Auxiliary power supply	Self-powered
Corrosion-proof grade	C4
Operation humidity range	5~95%, RH, without condensation
Operation temperature range	-25~+60°C
Operation altitude	2000m
Cooling	Liquid cooling
Fire extinguishing and security	Aerosol (Perfluorohexanone or Heptafluoropropane), temperature sensors
Communication	RS485/CAN
Standards	IEC62619 IEC62477 UN38.3

If the product size and parameters change, the latest information shall prevail without prior notice.