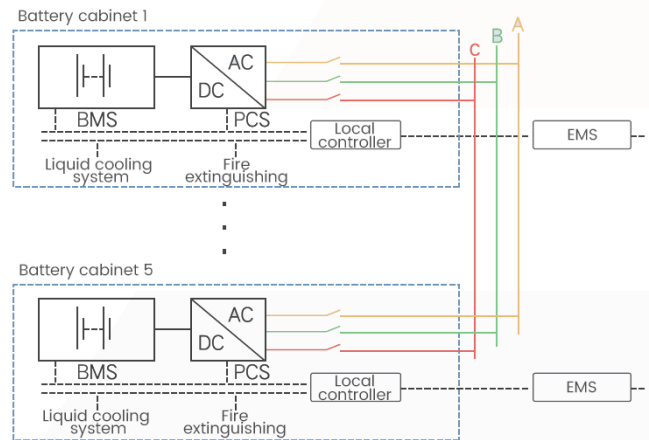
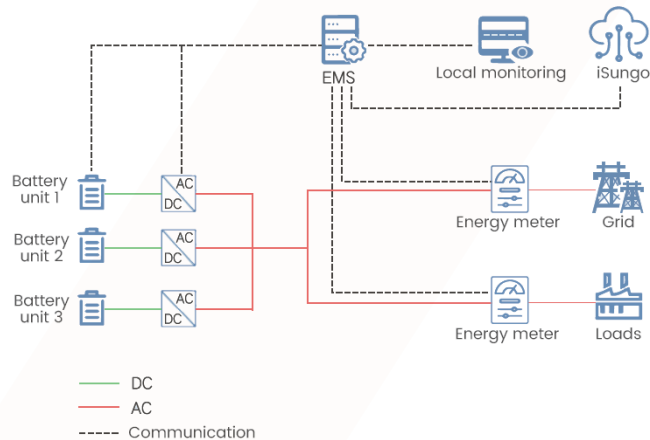


# Energon AC200

## AIO Industrial&Commercial ESS

### Features

-  High energy, safe and scalable
-  Longer service life ensured by PACK-level liquid cooling technology
-  Multi-scenario applications
-  Best LFP battery unit
-  Intelligent fire fighting system
-  Flexible working conditions, easy to install and expand
-  BMS ensures safty andoptimal operation of battery systems





## Technical Parameters

Model	Energon AC200
<b>Battery parameters</b>	
Cell type	LFP
System configuration of cells	240S 1P
Capacity of Battery units	215 kWh
Voltage range of Battery units	648-876Vdc
<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*H*D )	1340mm*2350mm*1440mm
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

\*——An external 200kVA transformer is needed if the grid voltage is NOT 690V.  
If the product size and parameters change, the latest information shall prevail without prior notice.