

**BATTERY ENERGY STORAGE SYSTEM AN-ESS**



»» Features

- LFP battery system with multiple protection design, safty and reliable
- Module design, flexible configuration, and easy expansion
- Long cycle life, slow degradation, and excellent performance
- Easy operation and maintenance, time saving, labor saving and cost saving

Model	AN-ESS-60KWH	AN-ESS-128KWH	AN-ESS-225KWH
Battery module	10.24KWh, 102.4V	16.076KWh, 51.2V	16.076KWh, 51.2V
Number of modules	6	8	14
Cell technology	LFP (LiFePO4)		
Battery usable energy	61.44KWh	128.61KWh	225.06KWh
Nominal voltage	614.4V	409.6V	716.8V
Operating voltage	537.6-700.8V	358.4-467.2V	627.2-817.6V
Standard charging & discharging	50A/0.5C	168A/0.6C	140A/0.5C
Max.continuous charging & discharging	100A/1C	168A/0.6C	140A/0.5C
Display	SOC status indication, Alarm indication, LCD display		
Communication	CAN / RS485		
Dimension(W*D*H)	584*1094*1500 mm	1060*845*1385 mm	1040*820*2100 mm
Weight Approximate	670Kg	965Kg	1670Kg
Discharging temperature range	-20~55°C	-30~55°C	-30~55°C
Charging temperature range	-10°C45°C	-10°C45°C	-10°C45°C
Protection rating	IP20		

**System Operation Diagram**

