

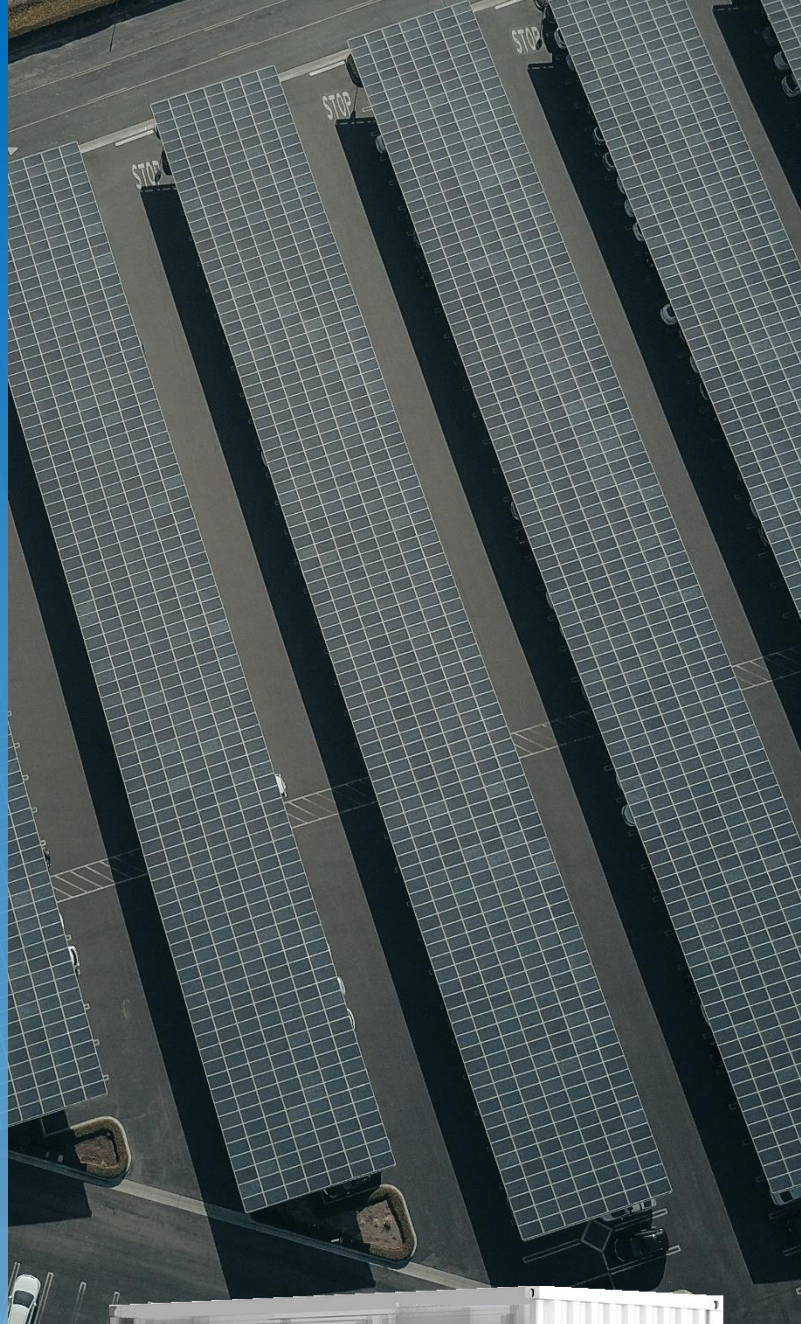
# C&I ESS with Air Cooling

1MWh

The containerized energy storage system adopts AC side coupling design, which can effectively improve the utilization efficiency of the battery.

BYD's high-quality LFP battery ensures the service life and safety of the system, and the PCS with stable performance can fully meet the use of various types of loads and effectively save container space.

Configuration of local data monitoring system EMS, to realize the comprehensive management of the equipment in the system, and make the energy storage system can be controlled independently, can also be connected to the station level control system, to achieve multi-machine linkage, to achieve more efficient power management and distribution.



Quick installation and setup



Multi-level safety design



Intelligent, economic, user-friendly



Remote maintenance of EMS

## Technical Indicator

Model	A22-100MJAA
Cell	LFP
Nominal Energy	1075KWh
Nominal Voltage	716.8V
Capacity per Cluster	300Ah
Amount of Cluster	2 clusters in parallel
Operating Voltage Range	680V~840V
AC Output	
Rated Power	180KW/360KW/500KW/600KW
Rated Voltage	AC400V,3P4W+PE
Rated Frequency	50Hz /60Hz
Maximum Output Current	690A
Power Factor	1lagging-1leading
Maximum Harmonic Current	<3%(Rated output power)
Insulation Method	No insulation transformer required
General Parameter	
Dimensions (L*W*Hmm)	6058*2438*2896
Weight	18000kg
IP Grade	IP54
Operating Temperature Range	-20°C~ 55°C
Operating Altitude	<3000m
Cooling	Air cooling
Noise	<75dB
Fire Fighting System	FM200
Communication	Ethernet, Modbus TCP/IP
Certification	IEC 62933, IEC62619, GB_T36558