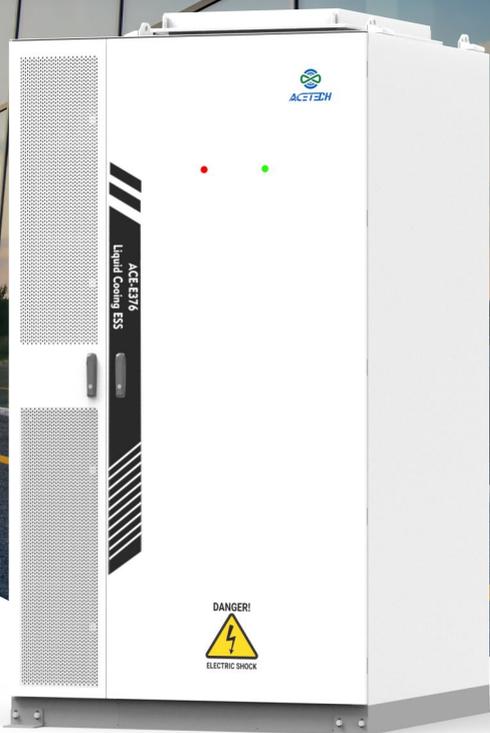


C&I ENERBLOCK

Outdoor Liquid-cooling Cabinet



Convenient Installation



1. Plug and play, easy on-site installation
2. Battery pre-installed, full cabinet transport
3. Modular layout, fast delivery and rapid installation



High Efficiency & Economical



1. Excellent thermal management, temperature difference <math>< 3^{\circ}\text{C}/37.4^{\circ}\text{F}</math>, battery life increased by more than 10%
2. Adaptive and intelligent temperature control reduces auxiliary power consumption by approximately 15%
3. High energy density: Cell energy increased by 9%, footprint reduced by 11%, energy density increased by 10-20%
4. Long-cycle cell, standard working life of more than 8000 cycles



SYSTEM FEATURES

High Safety



1. Special energy storage battery design, vehicle-level safety, three levels UL9540A approved
2. Ai-BMS, cell feature protection monitoring, intelligent algorithm predictive control, intelligent system protection linkage policy
3. Active and independent fire protection systems: hydrocarbon gas detection, fire detection, explosion-proof topside, fireproof insulation, water and fire protection reserved to achieve active prevention and passive safety
4. Focus on user-side energy storage application security for commercial clients and small industrial parks

TECHNICAL DATA

System Model	ACE-E376
Charge-Discharge Rate	Standard:05CP Max.:05C Charge/1C Discharge
Rated Capacity (kWh)	376
Battery Information	
Battery Chemical System	LFP
Cell Energy (Ah)	306
Module Configuration	1P48S
Number of Battery Packs	8S
Battery Cluster Configuration	1P384S
Nominal Voltage (V)	1228.8
Voltage Range (V)	1075.2~1382.4
General Parameter	
Degree Protection	NEMA 3R/IP55
Noise (dB)	≤70
Operating Temperature Range	-22°F~122°F/-30°C~50°C
Relative Humidity	0~95% (No condensing)
Working Altitude (ft/m)	≤6500/2000
Dimensions (W*H*D mm)	1250*2400*1200
Weight (T)	3.5
Cooling Type	Liquid cooling
FFS	Aerosol
System Communication Interface	Ethernet
External Communication Protocol	Modbus TCP/IP
Certification	
Certification	UL1973,UL9540A,IEC62619,IEC61000,GB/T36276

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