

I&C ENERGY STORAGE CABINET

AC 261

FELIS



ZHEJIANG TIANHONG LITHIUM-ION BATTERY CO., LTD
WWW.CNTHPOWER.COM

FELIS AC 261

SAFE | EFFICIENT | RELIABLE | SMART



INTRODUCTION

The FELIS-PRO-AC261 liquid-cooled industrial and commercial energy storage system cabinet integrates a power conversion system, temperature control system, fire protection system, battery management system, lithium-ion battery system and dynamic environment monitoring system. The lithium-ion battery system consists of 5 liquid-cooled battery PACKs and a BMS. Each liquid-cooled battery PACK is composed of 52 cells connected in series. The rated capacity of a single cell is 314Ah, equipped with BMU, explosion-proof valve and fuse. The entire FELIS-PRO-AC261 liquid-cooled industrial and commercial energy storage system cabinet adopts an upper and lower compartment layout design.

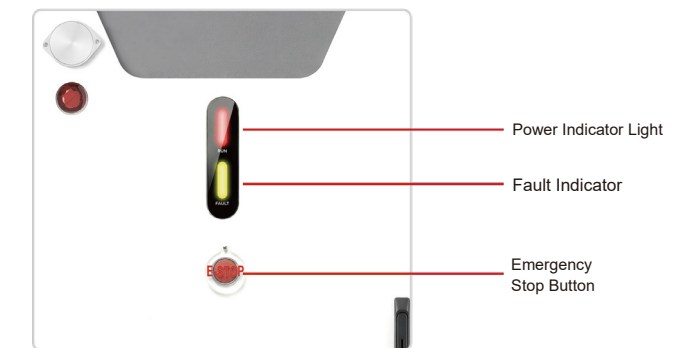
HIGHLIGHTS



TECHNICAL SPECIFICATIONS

Model	FELIS-PRO-AC261
Rated Energy	261.248kWh
Max Charge-Discharge Rate	0.5P
AC Wiring Mode	(3W+N+PE) Three-phase Four-wire
Rated AC Output	AC400V/50Hz
Assembly Mode	1P260S
Nominal Voltage	DC832V
Battery System Operating Voltage Range	DC715V~936V
Operating Ambient Temperature	-20℃~55℃
Operating Ambient Humidity	≤95% RH, Non-condensing
Average Noise Level	≤75dB(A)@1m
Altitude	≤2000m
IP Rating	IP54
Anti-corrosion Grade	C4H
Cooling Method	Liquid Cooling
Dimensions	1100×1400×2350mm (Excluding lifting lug height)
Weight	2700±50kg

INDICATOR DESCRIPTION



APPLICATION SCENARIOS



Fire Protection: Temperature & Smoke Detection, Combustible Gas Detection, Explosion-proof Ventilation, PACK-level Aerosol Fire Suppression, Cabin-level Aerosol Fire Suppression, Water Fire Protection

TH Zhejiang Tianhong Lithium-ion Battery Co., Ltd
EMAIL: alex.zhou@cnthpower.com | TEL: +86 15557209111

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