

I&C ENERGY STORAGE CABINET

DC 261

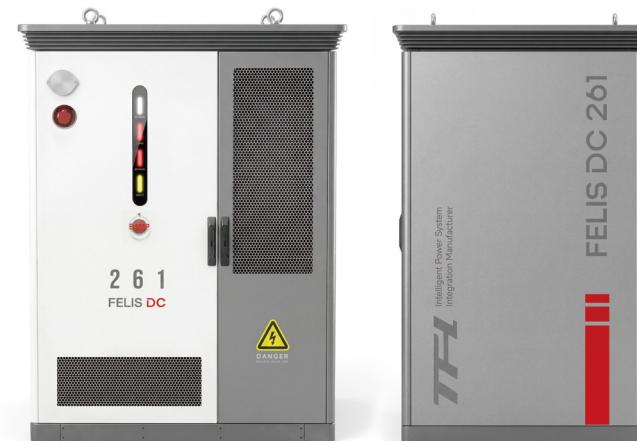
FELIS



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

FELIS DC 261

SAFE | EFFICIENT | RELIABLE | SMART



INTRODUCTION

The FELIS-PRO-DC261 liquid-cooled industrial and commercial energy storage cabinet is integrated with a power conversion system (PCS), temperature control system, fire protection system, battery management system (BMS), lithium-ion battery system, and dynamic environment monitoring system. The lithium-ion battery system comprises 5 sets of liquid-cooled battery PACKs and the BMS. Each liquid-cooled battery PACK adopts 52 cells in series. The rated capacity of each single cell is 314Ah, equipped with battery management unit (BMU), explosion-proof valve and fuse. The overall FELIS-PRO-DC261 liquid-cooled industrial and commercial energy storage cabinet is designed with a left-right separated compartment structure.

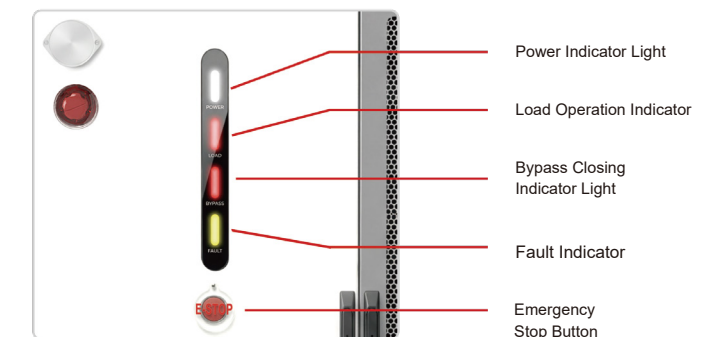
HIGHLIGHTS



TECHNICAL SPECIFICATIONS

Model	FELIS-PRO-DC261
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
Grouping Method	1P260S
Nominal Voltage	DC832V
Battery System Operating Voltage Range	DC715V ~ 936V
Operating Ambient Temperature	-20 °C ~ 55 °C
PV Max Open Circuit Voltage	900V
MPPT Input Voltage Range	0~900V
MPPT Full Load Voltage Range	394V~900V
Number of MPPT	2
Max Input Power	63kW*2
Max Input Current	160A
Operating Ambient Humidity	≤95% RH, Non-condensing
Average Noise	≤75dB(A)@1m
Altitude	≤2000m
IP Rating	IP54
Anti-corrosion Grade	C4H
Cooling Mode	Liquid Cooling
Dimensions	1550×1400×2200mm
Weight	≈3000±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

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CE IEC UN38.3 RoHS