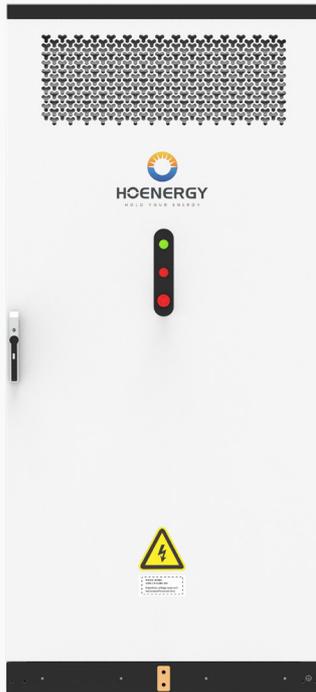


D-Cube-F Series

D-Cube-F135/261



D-Cube-F Series: AC/DC integrated liquid cooled BESS with 135kw PCS and 261kwh battery cabinet.



Independent Design

- Battery system and PCS are independently arranged for flexible integration
- Compact design with IP55 protection, suitable for outdoor installation



Safe & Reliable

- Comprehensive protection system including DC reverse polarity protection, high insulation resistance, DC&AC surge protection and DC short-circuit protection



Convenient & Flexible

- Scalable architecture supporting multiple parallel connections for flexible power and capacity expansion
- Plug-and-play interface enables quick installation, easy operation and simplified maintenance



Smart & User-friendly

- Seamless transition to backup mode during power outages
- Supports multiple application scenarios such as self-consumption, peak shaving, and time-of-use optimization
- Real-time online monitoring with remote and local upgrade capability

Model No.**D-Cube-F135/261****Battery Data**

Battery type		LFP
Battery cell capacity	V/Ah	3.2/314
Battery cell combination		1P260S
Nominal capacity	kWh	261
Rated voltage	V	832
Voltage range	V	689-949
DOD	%	95
Cooling method	m	Liquid cooling
Weight	t	2.5
Dimensions(WxDxH)	mm	1000x1350x2200
Fire protection		Cabinet aerosol+Water fire interface

AC Output (Gridside)

AC rated power	kW	135
AC Max. power	kVA	148.5
THDi	%	<3
AC rated voltage	AC/V	380/400
Grid allowed voltage	AC/V	380/400(-15%-15%)
AC input model		3P+N+PE
Altitude	m	4000(≥2000 Derated)
Rated frequency	Hz	50/60
Adjusted PF range		1 (leading)-1 (lagging)

General Parameter

Protection grade		IP55(PCS IP65)
Anti-corrosion grade		C4/C5
Operating temperature	°C	-25-55
Humidity range	%	5-95(no condensing)
Altitude	m	4000(≥2000 Derated)
Communication protocol		Ethernet/RS485/CAN
Communication interface		RJ45/CAN
Certificate		CE-EMC、CE-LVD、TÜV MARK
Execution standard		UN38.3、IEC 61000-6-2、IEC 61000-6-4、IEC 62477-1、IEC 62619、IEC 63056、EU 1542/2023

*The data sheet will be changed according to actual situation without prior notice.(Version 2025.04)

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