D-Cube Series

D-Cube-F 215/418

HOENERGY
HOLD YOUR ENERGY



Flexible & Efficient

- AC and DC systems can be independently designed for flexible configuration
- No parallel circulating current, significantly reducing energy loss
- Lightweight modules for easy installation

Safe & Stable

- Equipped with a three-level fire protection system for comprehensive system safety
- Precision liquid cooling ensures long-term stability, with cell temperature difference ≤ 3° C.Battery balancing management extends battery lifespan

Intelligent & Collaborative

- Intelligent switching strategies for different scenarios: peak shaving & valley filling, capacity management, dynamic expansion, renewable energy consumption, and planned curve response
- Local and cloud monitoring integration enables rapid digital diagnostics and automated intelligent inspections
- 3S collaboration with EMS closed-loop safety logic ensures overall system security

Model No.		D-Cube-F215/418
AC Output (Gridside)		
AC Rated power	kW	215
AC Max. power	kW	236.5
AC rated voltage	Vac	690/800
AC allowed voltage	Vac	-15% ~ +10%
Rated frequency	Hz	50/60
Adjusted PF range		-0.99 (leading) ~1 (lagging)
THDI		<3% (Rated output power)
AC input model		3P+PE
Battery Data		
Battery type		LFP
Battery cell capacity	V/Ah	3.2 / 314
Battery cell combination		416S1P
Nominal capacity	kWh	418
Nominal voltage	Vdc	1331.2
Voltage range	Vdc	1164.8-1500
System Efficiency		
Max. inverter efficiency	%	≥ 98.5
Max. system efficiency	%	≥ 88
Charge/Discharge rate (C-rate)	P	≤ 0.5
Protection		
DC input		YES
Inverter AC protection		YES
AC output protection		YES
Overvoltage protection		DC Type II/AC Type II
Fire protection		Pack aerosol + battery compartment aerosol + water fire interface
General Parameters		
Dimensions (W × D × H)	mm	1400*1450*2400
Weight	t	3.92
Cable entry/exit		Bottom / Bottom
Operating temperature	° C	-30 ≤ T ≤ 60 (≥ 50 Derated)
Humidity range	%	≤ 95
Altitude	m	≤ 3000 (> 2000 Derated)
Protection grade		IP54
Cooling Method		Liquid cooling
Communication		
Communication protocol		RS485/CAN/Ethernet

*The data sheet will be changed according to actual situation without prior notice.

Shanghai Hoenergy Power Technology Co. , Ltd.

www.hoenergypower.com

info@hoenergy.com.cn

Version 2.2