

## 400Vdc High Voltage Intelligent Lithium Battery Module

HDC15-5K



### Product features



Single unit 15Kwh large capacity  
Support longer battery life



Support 15Kwh~60Kwh parallel use  
Flexible capacity options



Lithium iron phosphate battery (LFP)  
Safe & Reliable



15Kwh battery module 400Vdc output  
Max. output power of  
single battery module is 5Kw



Plug-in terminal (MC4) connection  
Quick installation



Independent battery management  
Matches the user's single-phase  
and three-phase inverters at the same time

# HDC15-5K

Models	HDC15-5K
Battery Type [1]	LiFePO4 Battery (LFP)
Battery Total Energy [2]	14.3Kwh~16Kwh
Battery Capacity	280Ah~314Ah
Power [3]	Rated Power: 4.75Kw / Peak Power: 5Kw
Nominal Voltage	400 Vd.c.
Operating Voltage Range	350-435 Vd.c.
Max. Charging Current	12A
Max. Discharging Current	12A
General Parameters	
Protective Class	Class I
IP Rating	IP20
Operating Temperature Range	-10℃ to +50℃
Relative Humidity Range	5%~92%
Max. Operating Altitude[4]	≤ 4000 m
Installation	Floor Mounted
Dimensions(W*H*D)	640*590*262 mm
Weight	≈ 122Kg
Cooling Mode	Natural
Communication	CAN

[1] Rechargeable Li-ion Battery.

[2] Test conditions:0.2C charging/discharging at 25℃,100%DOD.

[3] The output power of a single battery module,  
supporting up to four modules in parallel, can be up to 20Kw.

[4] Derating above 2000m.

\*All specifications are subject to change without notice.