

iHome-B5-HD02 Series

Battery with DC/DC Converter

Chelion's iHome-B5-HD Series is a top-class lithium battery module. There is a built-in DC/DC converter in the module that is optimised to perform most safely. The DC/DC converter facilitates module maintenance and battery replacement. It is flexible to add new batteries in the future without causing the "Buckets effect". And it is able to make the most of battery capacity.



Built-in DC/DC



More available capacity in the life cycle



Flexible expansion



Excellent safety and optimisation performance

Items	iHome-B5-HD02	iHome-B10-HD02	iHome-B15-HD02	iHome-B20-HD02	iHome-B25-HD02	iHome-B30-HD02	iHome-B35-HD02	iHome-B40-HD02
Battery type	LFP							
Energy capacity	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh	35kWh	40kWh
Module Quantity	1	2	3	4	5	6	7	8
DOD	100%							
Rated power	4kW	6kW	9kW	9kW	9kW	9kW	9kW	9kW
Voltage range	360~540Vdc							
Max. charge current	11.11A	22.2	25	25	25	25	25	25
Max. discharge current	11.11A	16.67	16.67	16.67	16.67	16.67	16.67	16.67
Dimensions(W*H*D)	N*[31.49*14.96*7.87inch (800*380*200mm)]							
Weight	N*[121.25lb(55kg)]							
Cooling type	Passive cooling							
Altitude	≤6561 ft (2000m)							
Operating temperature	-4°F~122°F (-20~50°C)							
Recommended operating temperature	59°F~86°F (15~30°C)							
Storage temperature	14°F~113°F (-10~45°C)							
Humidity	0~100%RH							
Display	LED							
Communication interface	RS485, CAN							
Topology	Isolated							
Connection method	Floor or Wall mounted (optional)							
Certification	IEC 62619, IEC 60730, IEC 62040-1, UN38.3							

The battery module quantity could stack up to 8 modules.
*Please find the user manual for the detail information.