

Lithium-ion Battery Module



Items	iStoragE B5-S1	iStoragE B10-S1	iStoragE B15-S1	iStoragE B20-S1
General				
Cell technology	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal capacity	5kWh	10kWh	15kWh	20kWh
Usable capacity ¹	5kWh	10kWh	15kWh	20kWh
Scalability	8	/	/	/
Scalable capacity range	5~40kWh	/	/	/
DOD	Max. 100 % DOD (settable)			
Maximum continuous charging power	4kW	6kW	9kW	9kW
Maximum continuous discharging power	4kW	6kW	6kW	6kW
Rated charging power:	4kW	6kW	9kW	9kW
Rated discharging power:	4kW	6kW	6kW	6kW
Voltage range	360~500Vdc			
Min Voltage	360Vdc			
Max Voltage	500Vdc			
Nominal voltage	400 Vdc			
Maximum charge current	11.11A	22.22A	25A	25A
Maximum discharge current	11.11A	16.67 A	16.67 A	16.67 A
Dimension (W*H*D)	800*380*238mm/31.49*14.6*9.37in (including side plates)	800*760*238mm/31.49*29.2*9.37in (including side plates)	800*760*238mm/31.49*43.8*9.37in (including side plates)	800*1520*238mm/31.49*58.4*9.37in (including side plates)
Weight	51kg/112.43lb (including side plates)	51kg/112.43lb (including side plates) *2	51kg/112.43lb (including side plates) *3	51kg/112.43lb (including side plates) *4
Operating temperature range	-20~50°C/-4~122°F			
Recommended operating temperature	15~30°C/59~86°F			
Humidity	0~100%RH (Non-condensing)			
Maximum altitude	2000m			
Cooling type	Natural cooling			
Display	LED			
Communication interface	RS485, CAN			
Topology	Isolated			
Connection method	Floor or Wall mounted (optional)			
IP rating	IP65			
Certification	IEC 62619, IEC 60730, UN38.3, IEC 62040-1			

* Specifications are subject to change without prior notice.

*1 Test conditions: 25°C, 100 % depth of discharge (DOD), 0.2C charge & discharge

* Country of manufacture: China

Items	iStorageE B25-S1	iStorageE B30-S1	iStorageE B35-S1	iStorageE B40-S1
General				
Cell technology	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal capacity	25kWh	30kWh	35kWh	40kWh
Usable capacity ¹	25kWh	30kWh	35kWh	40kWh
Scalability	/	/	/	/
Scalable capacity range	/	/	/	/
DOD	Max. 100 % DOD (settable)			
Maximum continuous charging power	9kW	9kW	9kW	9kW
Maximum continuous discharging power	6kW	6kW	6kW	6kW
Rated charging power:	9kW	9kW	9kW	9kW
Rated discharging power:	6kW	6kW	6kW	6kW
Voltage range	360~500Vdc			
Min Voltage	360Vdc			
Max Voltage	500Vdc			
Nominal voltage	400 Vdc			
Maximum charge current	25A	25A	25A	25A
Maximum discharge current	16.67 A	16.67 A	16.67 A	16.67 A
Dimension (W*H*D)	800*380*238mm/31.49*14.6*9.37in (including side plates)+	800*760*238mm/31.49*29.2*9.37in (including side plates) +	800*760*238mm/31.49*43.8*9.37in (including side plates) +	800*1520*238mm/31.49*58.4*9.37in (including side plates) +
	800*1520*238mm/31.49*58.4*9.37in (including side plates)	800*1520*238mm/31.49*58.4*9.37in (including side plates)	800*1520*238mm/31.49*58.4*9.37in (including side plates)	800*1520*238mm/31.49*58.4*9.37in (including side plates)
Weight	51kg/112.43lb (including side plates) *5	51kg/112.43lb (including side plates) *6	51kg/112.43lb (including side plates) *7	51kg/112.43lb (including side plates) *8
Operating temperature range	-20~50°C/-4~122°F			
Recommended operating temperature	15~30°C/59~86°F			
Humidity	0~100%RH (Non-condensing)			
Maximum altitude	2000m			
Cooling type	Natural cooling			
Display	LED			
Communication interface	RS485, CAN			
Topology	Isolated			
Connection method	Floor or Wall mounted (optional)			
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*1 Test conditions: 25°C, 100 % depth of discharge (DOD), 0.2C charge & discharge

* Country of manufacture: China

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