

HINAESS

Together For A Blue Future

HINAESS

C5

1C RATE

LFP

Ultra Safety

15S&20P

Stackable

10

Year Warranty

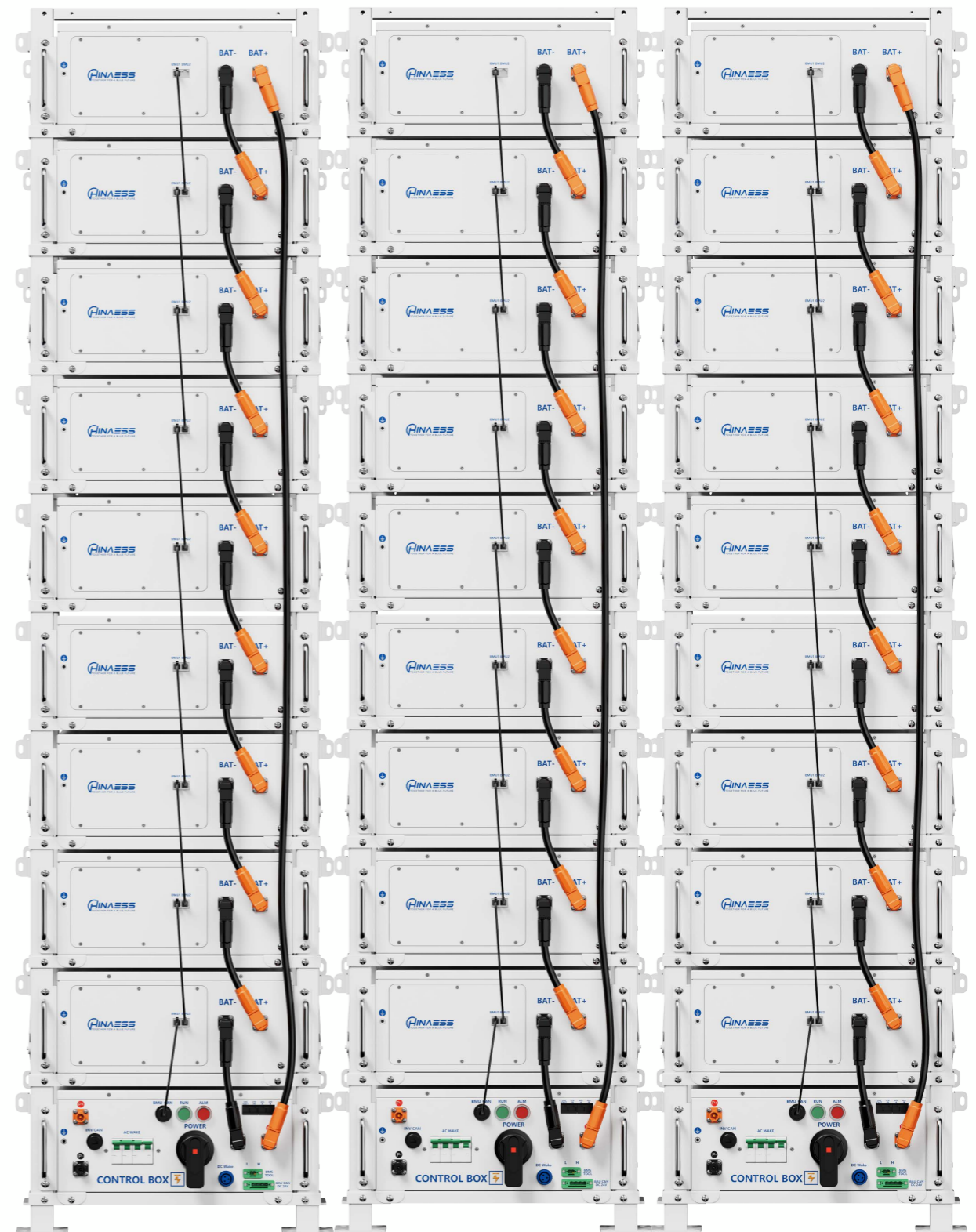
Handy

Quick install

**Indoor /
Outdoor**

100Ah

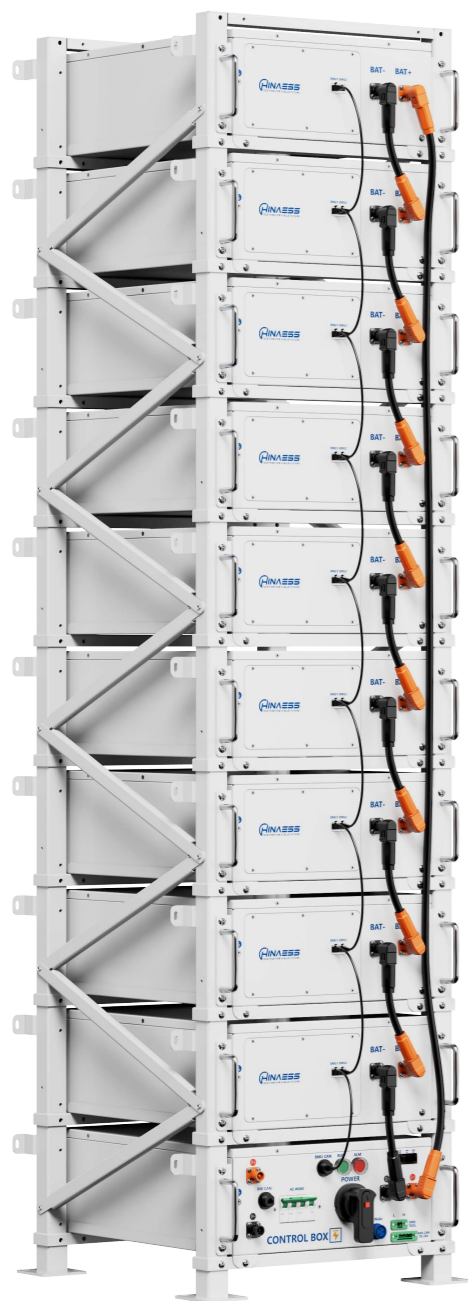
6000 cycles



C5 SPEC SHEET

2S~6S

10.24 - 30.72 kWh



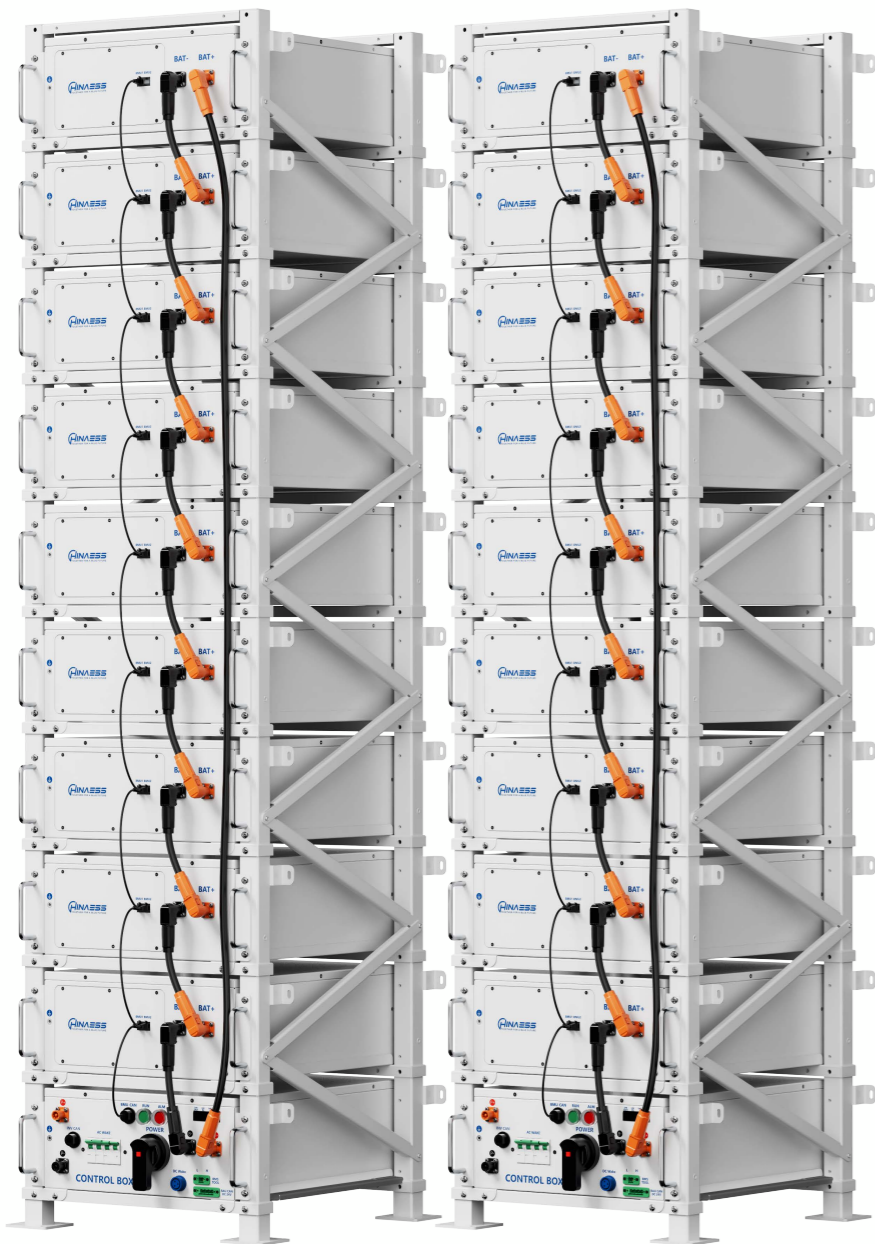
* Max 9 modules per stack

HINAESS	Size	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh
Battery Module	Type	LFP				
	Battery module	C5				
	Rated voltage	51.2V				
	Voltage range	46.4-56.8V				
	Rated capacity	100Ah				
	Rated energy	5.12kWh				
	Rated charge/discharge current	100A				
	Dimension(W/D/H)	474*585*178mm				
	Weight	51.35Kg				
Battery Rack	Battery Rack Configuration	2S	3S	4S	5S	6S
	Rated energy	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh
	Rated voltage	102.4	153.6	204.8	256	307.2
	Voltage range	92.8-113.6v	139.2-170.44v	185.6-227.2v	232-284v	278.4-340.8v
	Rated charge/discharge	1C				
	Display	7" Touch screen				
	BCU&BAU	Included				
	Communication	CAN				
	Monitoring	CAN				
	Dimension(W/D/H)	554*604*690	554*604*897	554*604*1104	554*604*1311	554*604*1518
	Weight	145.1kg	202.6kg	260.1kg	317.6kg	375.1kg
LCD Display	Protection level	IP20				
	Cell voltage	Yes				
	Cell high voltage	Yes				
	Cell low voltage	Yes				
	Cell temperature	Yes				
	Charge and discharge current	Yes				
	Total battery voltage	Yes				
	Battery SOC	Yes				
Protection	Fault warning	Yes				
	Short circuit protection	Yes				
	Over current protection	Yes				
	Over charge protection	Yes				
	Over discharge protection	Yes				
	Cell over-vol protection	Yes				
	Cell under-vol protection	Yes				
Over temperature protection	Yes					

C5 SPEC SHEET

7S~9S

35.84-46.08kWh



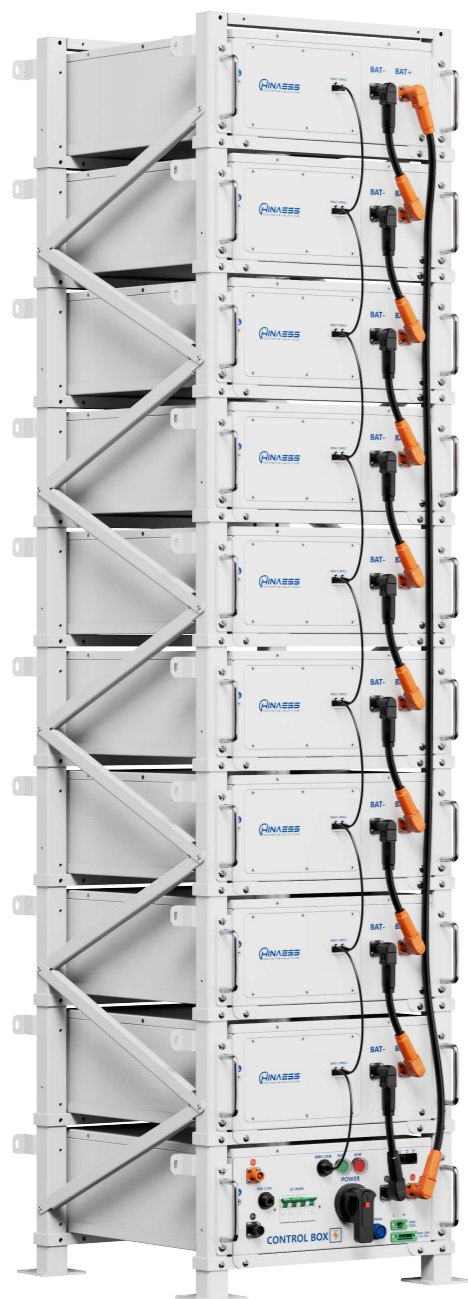
* Max 9 modules per stack

HINAESS	Size	35.84kWh	40.96kWh	46.08kWh
Battery Module	Type	LFP		
	Battery module	C5		
	Rated voltage	51.2V		
	Voltage range	46.4-56.8V		
	Rated capacity	100Ah		
	Rated energy	5.12kWh		
	Rated charge/discharge current	100A		
	Dimension(W/D/H)	474 * 585 * 178mm		
	Weight	51.35Kg		
Battery Rack	Battery Rack Configuration	7S	8S	9S
	Rated energy	35.84kWh	40.96kWh	46.08kWh
	Rated voltage	358.4	409.6	460.8
	Voltage range	324.8-397.6v	371.2-454.4v	417.6-511.2v
	Rated charge/discharge	1C		
	Display	7" Touch screen		
	BCU&BAU	Included		
	Communication	CAN		
	Monitoring	CAN		
	Dimension(W/D/H)	554*604*1725	554*604*1932	554*604*2139
	Weight	432.6kg	490.1kg	547.6kg
LCD Display	Protection level	IP20		
	Cell voltage	Yes		
	Cell high voltage	Yes		
	Cell low voltage	Yes		
	Cell temperature	Yes		
	Charge and discharge current	Yes		
	Total battery voltage	Yes		
	Battery SOC	Yes		
Protection	Fault warning	Yes		
	Short circuit protection	Yes		
	Over current protection	Yes		
	Over charge protection	Yes		
	Over discharge protection	Yes		
	Cell over-vol protection	Yes		
	Cell under-vol protection	Yes		
Over temperature protection	Yes			

C5 SPEC SHEET

10S~15S

51.2 - 76.8 kWh



* Max 9 modules per stack

* More battery modules require customization

HINAESS	Size	51.2kWh	56.32kWh	61.44kWh	66.56kWh	71.68kWh	76.8kWh
Battery Module	Type	LFP					
	Battery module	C5					
	Rated voltage	51.2V					
	Voltage range	46.4-56.8V					
	Rated capacity	100Ah					
	Rated energy	5.12kWh					
	Rated charge/discharge current	100A					
	Dimension(W/D/H)	474*585*178mm					
	Weight	51.35Kg					
Battery Rack	Battery Rack Configuration	10S	11S	12S	13S	14S	14S
	Rated energy	51.2kWh	56.32kWh	61.44kWh	66.56kWh	71.68kWh	76.8kWh
	Rated voltage	51.2	56.32	61.44	66.56	71.68	76.8
	Voltage range	46.4-56.8v	51.0.4-62.4.8v	55.6.8-68.1.6v	60.3.2-73.8.4v	64.9.6-79.5.2v	69.6-85.2v
	Rated charge/discharge	1C					
	Display	7" Touch screen					
	BCU&BAU	Included					
	Communication	CAN					
	Monitoring	CAN					
	Dimension(W/D/H)	TBD	TBD	TBD	TBD	TBD	TBD
	Weight	TBD	TBD	TBD	TBD	TBD	TBD
	Protection level	IP20					
LCD Display	Cell voltage	Yes					
	Cell high voltage	Yes					
	Cell low voltage	Yes					
	Cell temperature	Yes					
	Charge and discharge current	Yes					
	Total battery voltage	Yes					
	Battery SOC	Yes					
	Fault warning	Yes					
Protection	Short circuit protection	Yes					
	Over current protection	Yes					
	Over charge protection	Yes					
	Over discharge protection	Yes					
	Cell over-vol protection	Yes					
	Cell under-vol protection	Yes					
	Over temperature protection	Yes					





Thank you

