



HINAESS

Together For A Blue Future

HINAESS

C5

1C RATE

LFP

Ultra Safety

10

Year Warranty

**Indoor /
Outdoor**

15S&20P

Stackable

Handy

Quick install

100Ah

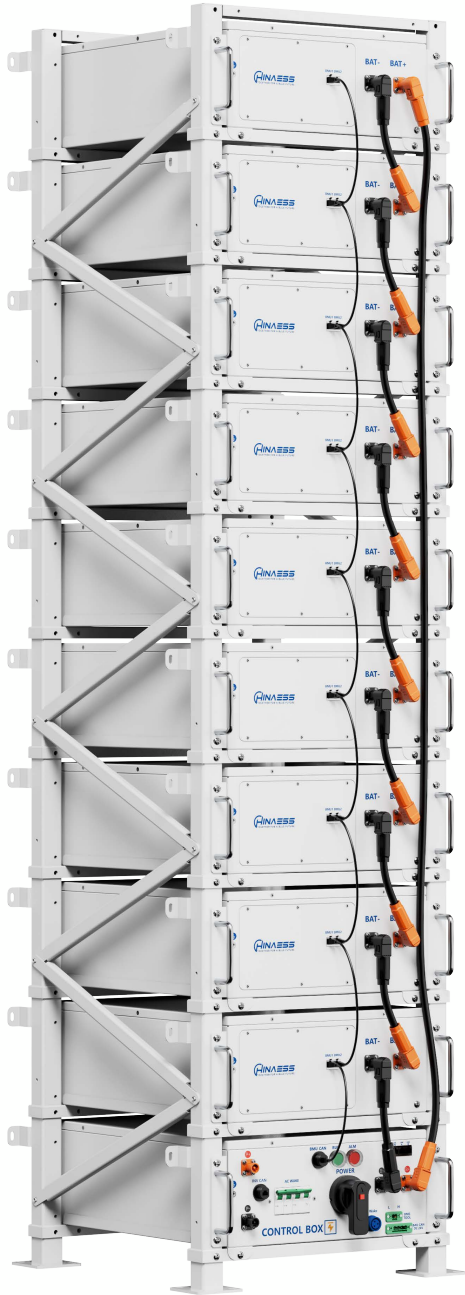
6000 cycles



C5 SPEC SHEET

2S~6S

10.24 - 30.72 k W h



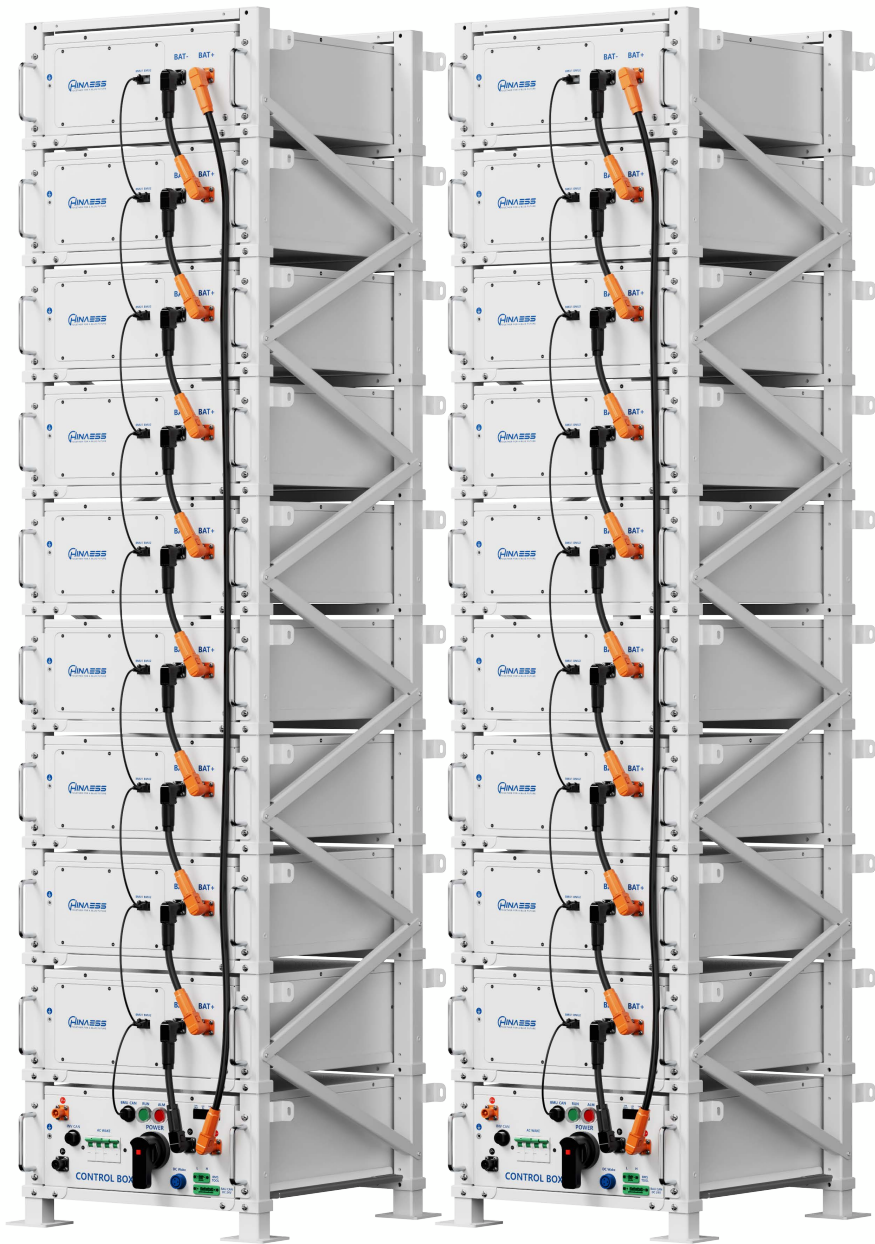
* Max 12 modules per stack

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
	Protection level	IP20				
LCD Display	Cell voltage	Yes				
	Cell hight voltage	Yes				
	Cell low voltage	Yes				
	Cell temperature	Yes				
	Charge and dicharge 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				

C5 SPEC SHEET

7S~11S

35.84-56.32kWh



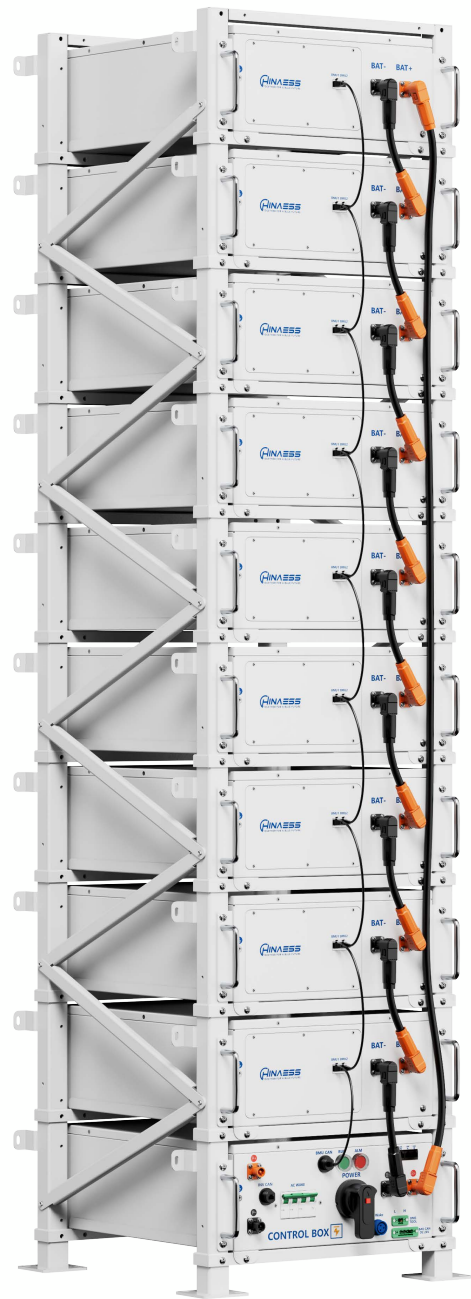
* Max 12 modules per stack

HINAESS	Size	35.84kWh	40.96kWh	46.08kWh	51.2kWh	56.32kWh
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	10S	11S
	Rated energy	35.84kWh	40.96kWh	46.08kWh	51.2kWh	56.32kWh
	Rated voltage	358.4	409.6	460.8	512	563.2
	Voltage range	324.8-397.6v	371.2-454.4v	417.6-511.2v	464-568v	510.4-624.8v
	Rated charge/discharge	1C				
	Display	7" Touch screen				
	BCU&BAU	Included				
	Communication	CAN				
	Monitoring	CAN				
	Dimension(W/D/H, mm)	554*604*1725	554*604*1932	554*604*2139	554*604*2346	554*604*2553
	Weight	432.6kg	490.1kg	547.6kg	605.1kg	662.6kg
	Protection level	IP20				
LCD Display	Cell voltage	Yes				
	Cell hight voltage	Yes				
	Cell low voltage	Yes				
	Cell temperature	Yes				
	Charge and dicharge 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				

C5 SPEC SHEET

12S~15S

61.44 - 76.8 k W h



* Max 12 modules per stack
* More battery modules require customization

HINAESS	Size	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	12S	13S	14S	15S
	Rated energy	61.44kWh	66.56kWh	71.68kWh	76.8kWh
	Rated voltage	614.4	665.6	716.8	768
	Voltage range	556.8-681.6v	603.2-738.4v	649.6-795.2v	696-852v
	Rated charge/discharge	1C			
	Display	7" Touch screen			
	BCU&BAU	Included			
	Communication	CAN			
	Monitoring	CAN			
	Dimension(W/D/H)	554*604*2760	TBD	TBD	TBD
	Weight	720.1kg	TBD	TBD	TBD
	Protection level	IP20			
LCD Display	Cell voltage	Yes			
	Cell hight voltage	Yes			
	Cell low voltage	Yes			
	Cell temperature	Yes			
	Charge and dicharge 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

