

HINAESS

Together For A Blue Future

HINAESS

C16

0.5C RATE

LFP

Ultra Safety

15S&20P

Stackable

10

Year Warranty

Handy

Quick install

**Indoor /
Outdoor**

314Ah

8000 cycles





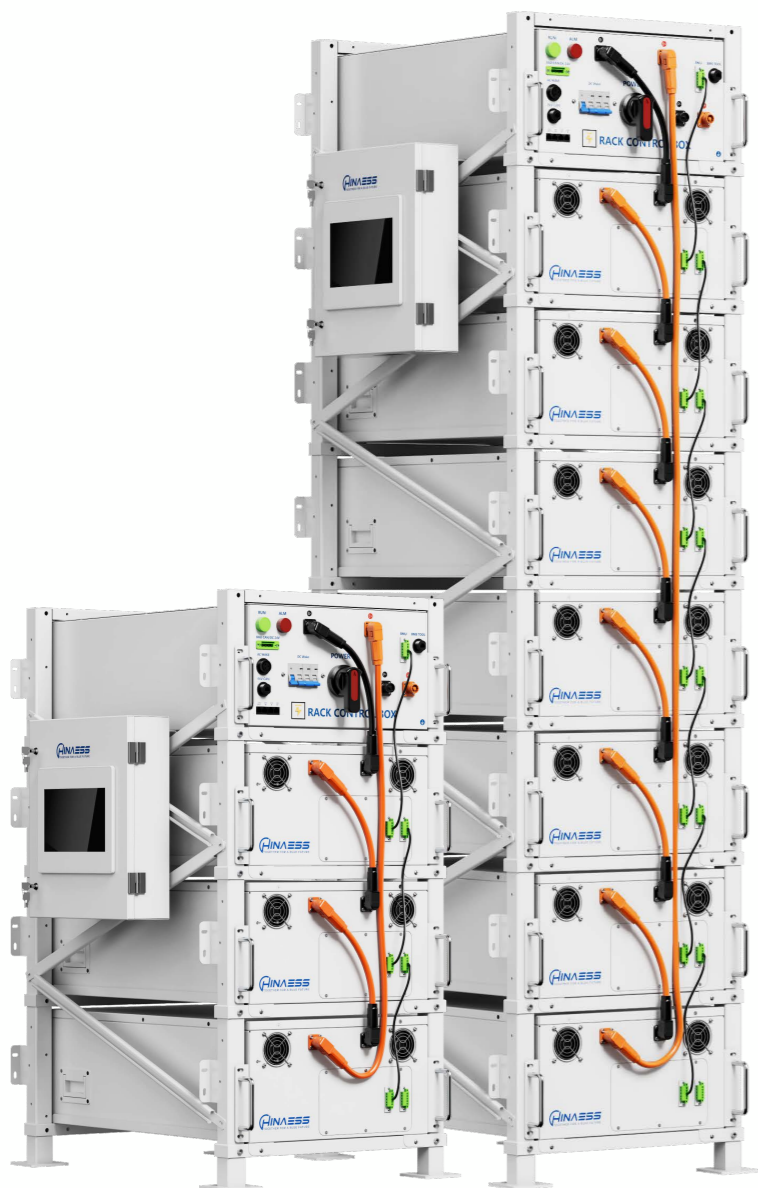
IP65
OUTDOOR
CABINET

C16 SPEC SHEET

Flexible Bracket

1 Stack 8 Slots

48 - 112 kWh



* Max 8 slots per stack

HINAESS	Size	48kWh	64kWh	80kWh	96kWh	112kWh
Battery Module	Type	LFP				
	Battery module	C16				
	Rated voltage	51.2V				
	Voltage range	46.4-56.8V				
	Rated capacity	314Ah				
	Rated energy	16.076kWh				
	Rated charge/discharge current	157A				
	Dimension(W/D/H) / Weight	504*781*236mm / 113Kg				
Battery Flexible Bracket	Battery Rack Configuration	3S	4S	5S	6S	7S
	Rated energy	48.228KWh	64.304KWh	80.38KWh	96.456KWh	112.532KWh
	Rated voltage	153.6V	204.8V	256V	307.2V	358.4V
	Voltage range	139.2-170.4V	185.6-227.2V	232-284V	278.4-340.8V	324.8-397.6V
	Rated charge/discharge	0.5C				
	Display	7" Touch screen				
	BCU&BAU	Included				
	Communication	CAN				
	Monitoring	CAN				
	Dimension(W/D/H)	582*805*1161	582*805*1430	582*805*1699	582*805*1968	582*805*2237
	Weight	409kg	529.25kg	649.5kg	769.75kg	890kg
	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				

C16 SPEC SHEET

Flexible Bracket

2 Stack

128 - 192 kWh



* Max 8 slots per stack

HINAESS	Size	128kWh	144kWh	160kWh	176kWh	192kWh
Battery Module	Type	LFP				
	Battery module	C16				
	Rated voltage	51.2V				
	Voltage range	46.4-56.8V				
	Rated capacity	314Ah				
	Rated energy	16.076kWh				
	Rated charge/discharge current	157A				
	Dimension(W/D/H) / Weight	504*781*236mm / 113Kg				
Battery Flexible Bracket	Battery Rack Configuration	8S	9S	10S	11S	12S
	Rated energy	128.608KWh	144.684KWh	160.76KWh	176.836KWh	192.912KWh
	Rated voltage	409.6V	460.8V	512V	563.2V	614.4V
	Voltage range	371.2-454.4V	417.6-511.2V	464-568V	510.4-624.8V	556.8-681.6V
	Rated charge/discharge	0.5C				
	Display	7" Touch screen				
	BCU&BAU	Included				
	Communication	CAN				
	Monitoring	CAN				
	System Dimension (W *D * H)	Depends on structural design	Depends on structural design	Depends on structural design	Depends on structural design	Depends on structural design
	Weight	1013.25kg	1133.5kg	1253.75kg	1374kg	1494.25kg
	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				
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				

C16 SPEC SHEET

Flexible Bracket

2 Stack

208 - 241 kWh



* Max 8 slots per stack

HINAESS	Size	208kWh	225kWh	241kWh
Battery Module	Type	LFP		
	Battery module	C16		
	Rated voltage	51.2V		
	Voltage range	46.4-56.8V		
	Rated capacity	314Ah		
	Rated energy	16.076kWh		
	Rated charge/discharge current	157A		
	Dimension(W/D/H) / Weight	504*781*236mm / 113Kg		
Battery Flexible Bracket	Battery Rack Configuration	13S	14S	15S
	Rated energy	208.988KWh	225.064KWh	241.14KWh
	Rated voltage	665.6V	716.8V	768V
	Voltage range	603.2-738.4V	649.6-795.2V	696-852V
	Rated charge/discharge	0.5C		
	Display	7" Touch screen		
	BCU&BAU	Included		
	Communication	CAN		
	Monitoring	CAN		
	System Dimension (W * D * H)	Depends on structural design	1164*805*2237/1968	1164*805*2237
	Weight	1614.5kg	1734.75kg	1855kg
	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

