



**HINAESS**

Together For A Blue Future

# HINAESS COMMERCIAL 0.5C RATE



**0.5C**

Continuous Power

**10**

Year Warranty

**Indoor /  
Outdoor**

**Stackable**

Flexible size

**Handy**

Quick install

**280Ah**

6000 cycles



**IP54**  
OUTDOOR  
CABINET



# SPEC SHEET

2 Stack 6 Slots

100 - 157 kWh



HINAESS	Size	100KWh	114kwh	129kWh	143kWh	157KWh
<b>Battery Module</b>	Battery module	C14				
	Rated voltage	51.2V				
	Voltage range	44.8-56.8V				
	Rated capacity	280Ah				
	Rated energy	14.336kWh				
	Rated charge/discharge current	140A				
	Dimension(W/D/H) / Weight	504*781*236mm / 108Kg				
<b>Battery Rack</b>	Battery Rack Configuration	7S	8S	9S	10S	11S
	Configuration	7 batt + 1 BCU	8 batt + 1 BCU	9 batt + 1 BCU	10 batt + 1 BCU	11 batt + 1 BCU
	Rated energy	100.352KWh	114.688kwh	129.024kWh	143.36kWh	157.696KWh
	Rated voltage	358.4V	409.6V	460.8V	512V	563.2V
	Voltage range	313.6-397.6V	358.4-454.4V	403.2-511.2V	448-568V	492.8-624.8V
	Rated charge/discharge	0.5C				
	Display	7" Touch screen				
	BMS	Included				
	Communication	CAN				
	Monitoring	RS485				
	Dimension(W/D/H)	1048*748*1613mm				
	Weight	890kg	1000kg	1110kg	1215kg	1325kg
	Protection level	IP20				
<b>LCD Display</b>	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				
<b>Protection</b>	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					

# SPEC SHEET

2 Stack 8 Slots

172 - 215 kWh



HINAESS	Size	172KWh	186KWh	200KWh	215KWh
Battery Module	Battery module	C14			
	Rated voltage	51.2V			
	Voltage range	44.8-56.8V			
	Rated capacity	280Ah			
	Rated energy	14.336kWh			
	Rated charge/discharge current	140A			
	Dimension(W/D/H) / Weight	504*781*236mm / 108Kg			
Battery Rack	Battery Rack Configuration	12S	13S	14S	15S
	Configuration	12 batt + 1 BCU	13 batt + 1 BCU	14 batt + 1 BCU	15 batt + 1 BCU
	Rated energy	172.032KWh	186.368KWh	200.704KWh	215.04KWh
	Rated voltage	614.4V	665.6V	716.8V	768V
	Voltage range	537.6-681.6V	582.4-738.4V	627.2-795.2V	672-852V
	Rated charge/discharge	0.5C			
	Display	7" Touch screen			
	BMS	Included			
	Communication	CAN			
	Monitoring	RS485			
	Dimension(W/D/H)	1048*748*2105mm			
	Weight	1500kg	1605kg	1725kg	1850kg
	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			





**Say goodbye to loadshedding woes**