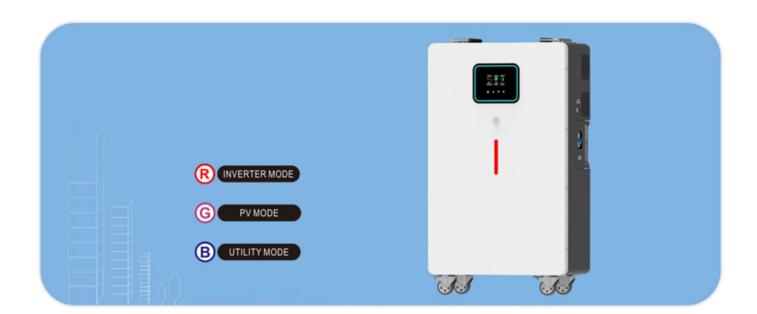
Energy Storage System SESS SERIES



Features

- Output power factor 1.0
- IP65 degree protection
- WIFI&GPRS available for IOS and Android Built-in 120A MPPT solar charger
- One-key restoration to factory settings
- Dual output

- Pure sine wave solar inverter (on/ off grid) Built-in lithium battery automatic activation
 - Built-in anti-dusk kit for harsh environment
 - Integrated design

 - High PV input voltage range (60~500VDC)
 - Smart battery charge design to optimize battery life







Universal wheel







Receptacle



Dota Chast

Model	➤ Data Sheet			
Max P V page Power G000W	Model	ESS-4K2-2	200AH	ESS-6K2-100AH
A				
Mas Sales Charger Cornerd W Ingral (RD) W Ingral (RD) W Ingral (RD) W Ingral (RD) REPT Voltage Max DC Voltage	-			
Part		4200W/42		
W			12	DA .
Sommar De Voltage / Max CD Voltage S0000VDC				
Start-up Voltage Final Feeding Voltage 69x40CC690VC			360/60	MNDC
### V Provide Place Place Max. Sport Current 1/18A				
Value of MPPT Trackers / Mas. Input Current 1/18A				
Part				
Normal Dupley Voltage Range		1710	•	II ZZA
196.5 - 2531/AC			220/ 230/	240VAC
Monison Duple Current 18.2A 27.0A 27.0				
Paper Factor		18.2A		
### Carbon Companies of Eliciancy (DCIAC) ### Carbon Companies of Eliciancy (DCIAC) ### Carbon Companies of Eliciancy (DCIAC) ### Carbon Companies of Carbon Compan				
Value Action Ac				
Valid Code 4200W 6200W	Max. Conversion Efficiency (DC/AC)		98	%
Ass. Man Load A200W 6200W Ass. Second Load (Battery Mode) 1400W 2067W Ass. Second Load (Battery Mode) 120-1407AC 1807AC 1807A	Wo Load Output Power			
Max. Second Load (Battery Mode) 1400W 2007W 20	full Load	4200V	/	6200W
April 10	Max. Main Load			6200W
March Load Refurn Voltage 27/DC 54/DC	Max. Second Load (Battery Mode)			2067W
March Marc				52VDC
CE Insput C. Start-up Voltage P. Aluc Restart Voltage Conceptable Input Voltage P. Aluc Restart Voltage Range (90 - 280VAC or 170 - 280VAC or		27VDC		54VDC
C. Stert-up Voltage Auto Restart Voltage 120-140VAC 180VAC				
Infinite Comman Contract Prequency Range 49-51 ± 1142 36.4A				
Max. AC Input Current 24.7A 38.4A Winput ICC Wi				
Vinjust (IOC)				
Information Max DC Voltage 360/ 500VDC		24.7A 36.4A		36.4A
##PT Vistage Range ##PT V		0.00		
Marter Mode MPPT Trachers / Maximum Input Current 1/18A				
State-pt Voltage 220V1 230V1 240VAC Voltage 220V1 230V1 240VAC Voltage 240VC Voltage Volta	T			
Norman Del Voltage	-	1/18A 1/22A		
Disput Waveform Pure sine wave Self-Relienzery (DC to A C) Sattler y & Charger Self-Relienzery (DC to A C) Self-Re			22001/ 2200	// 240VAC
State Stat				
Sattery & Charger				
Comman DC Voltage			34	76
Max. Sol Araging Current 120A 140A 120A 140A 140		241/D/	4	49VDC
Max. AC Charging Current 100A 100A 120A 120				
Max. Solar + AC Charging Current 120A 140A 120A 147BID OPERATION				
VYRIDED CPERATION VY Input (ICC)				
PV Input (ICC) Start-up Voltage / Max DC Voltage 360/500VDC Start-up Voltage / Initial Feeding Voltage 90VDC / 120VDC		12070 14	TOP C	1200
Nominal DC Voltage / Max. DC Voltage 360/500VDC				
Start-up Voltage / Initial Feeding Voltage 90VDC / 120VDC			360/50	OVDC
MPPT Voltage Range 60-450VDC 1/22A 1/18A 1/18A 1/22A 1/2A	*		90VDC/	120VDC
Max. Input Current 1/18A 1/22A		60~450VDC		
Nominal Output Voltage Range 18.2A 195.5 - 253VAC		1/18A		1/22A
Dulput Voltage Range	Grid Output (AC)			
Section Sect	Nominal Output Voltage		220V/ 230	// 240VAC
Mornian Output Current 18.2A 27.0A 2	Output Voltage Range		195.5 ~	253VAC
Ac Start-up Voltage / Auto Restart Voltage 120~140VAC / 180VAC		18.2A		27.0A
Acceptable Input Voltage Range	AC Input			
Max. AC Input Current 24.7A 36.4A	AC Start-up Voltage / Auto Restart Voltage		120~140VA	C/ 180VAC
Max. AC Charging Current 100A 10A 100A 10	Acceptable Input Voltage Range			
September Sept	Max. AC Input Current			
Sype			10	0A
Section Sect	-			
Max. Charging Current 100A				
Second S				
Accommended Discharge Termination Voltage 22.4V			100A (recommended)/ 200A	
Asx. Discharge Current 100A 100A/ 200A 100A	* *			
Single Cell Charging Overvoltage Protection 3.65V	-			
29.2V 54.75V 29.2V 29.2V 25.7V 2.5V 2				
2.5V				
20V 20V 37.5V	-			
Charge Overcurrent Protection			2007	
110A				
High accuracy level voltage current measuring	÷			
Parallel connect function -20°C ~ 65°C		High accuracy level voltage current Over-charge, over-discharge protec Short-circuit protection Self-learning intelligent SOC calcul Cell level active equalization	measuring ction	
Vorking Temperature				
O*C ~ 65*C	Vorking Temperature	. Jeune voleton turiototi	- 20°C	~ 65°C
Physical 701*441*231 Dimension (DxWxH) mm 701*441*231 Net Weight (KGS) 42.0 59.0 58.0 Gross Weight (KGS) 45.0 62.0 60.0 Environment 60.0 60.0 60.0				
Dimension (DxWxH) mm 701*441*231 Net Weight (KGS) 42.0 59.0 58.0 Gross Weight (KGS) 45.0 62.0 60.0 Environment 60.0 60.0 60.0				
Net Weight (KGS) 42.0 59.0 58.0 Gross Weight (KGS) 45.0 62.0 60.0 Environment 60.0 60.0 60.0	*		701*44	11*231
Gross Weight (KGS) 45.0 62.0 60.0 Environment		42.0		
Environment	• ,	45.0	62.0	60.0
tumidity 5% to 95% relative humidity (Non-condensing)	Environment			
A CONTRACTOR OF THE PROPERTY O	Humidity	5% to 95% relative humidity (Non-condensing)		

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