

GOODWE

# SECU-A Series

## Low Voltage Battery

GoodWe's SECU-A Series is a low voltage lithium battery, which is made from safe and durable lithium iron phosphate. The battery follows a modular design, making it extendable. As a plug and play device, it can be installed easily and quickly. Thanks to their safe design, the batteries can be connected together in parallel.



Safe & Reliable



Expandable Modular Design



Long Lifespan

Technical Data	SECU A5.4-20	2*SECU A5.4-20	3*SECU A5.4-20	4*SECU A5.4-20	5*SECU A5.4-20	6*SECU A5.4-20
Usable Energy (kWh) <sup>1</sup>	5.4	10.8	16.2	21.6	27	32.4
Battery Module	SECU A5.4-20					
Number of Modules	1	2	3	4	5	6
Cell Type	LFP (LiFePO4)					
Nominal Voltage (V)	51.2					
Operating Voltage Range (V)	47.5 ~ 57.6					
Nominal Dis- / Charge Current (A) <sup>2</sup>	50	100	100	100	100	100
Nominal Power (kW) <sup>2</sup>	2.56	5.12	5.12	5.12	5.12	5.12
Operating Temperature Range (°C)	Charge: 0 ~ +50 / Discharge: -10 ~ +50					
Relative Humidity	0 ~ 95%					
Max. Operating Altitude (m)	2000					
Communication	CAN, RS485					
Weight (kg)	49	98	147	196	245	294
Dimensions (W × H × D mm)	403 × 227 × 455 (SECU A5.4-20)					
Ingress Protection Rating	IP20					
Mounting Method	Grounded / Cabinet					
Safety	IEC62619, IEC63056, CEC					
Standard and Certification	EMC					
Transportation	UN38.3					

<sup>1</sup>: Test conditions, 100% DOD, 0.2C charge & discharge at +25 ±2 °C for battery system at beginning life. System Usable Energy may vary with different Inverter.

<sup>2</sup>: Nominal Dis- / Charge Current and power derating will occur related to Temperature and SOC.

\*: Please visit GoodWe website for the latest certificates.