

SUNKWH

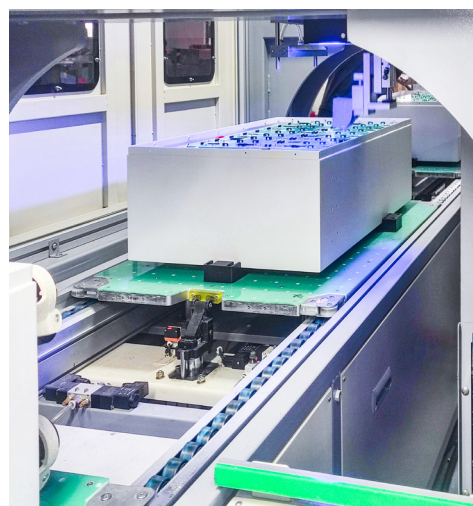
YOUR STORAGE PARTNER.

As a national high-tech manufacturer with 18 years of experience and over 30 patents, we specialize in the R&D and export of high-quality energy storage batteries and PV products. Count on us for reliable, efficient energy solutions.

SUNKWH



PRODUCTION LINE



PROJECT CASES



Model	SUN-5.22K	SUN-11.7K	SUN-16K
Nominal Voltage	51.2 Vdc		
Nominal Capacity	102 Ah	230 Ah	314 Ah
Battery Energy	5.22 kWh	11.7 kWh	16 kWh
Charge Current	50 A	100 A	150 A
Charge Power	2.56 kW	6.14 kW	7.68 kW
Discharge Current	100 A	170 A	200 A
Discharge Power	5.12 kW	8.7 kW	10.24 kW
Short Circuit Current	350 A	540 A	540 A
Display	Color touchscreen		
Communication	CAN, RS485, RS232		
Dimension (W×D×H mm)	440× 138× 600 mm	465× 230× 695 mm	450× 230× 800 mm
Weight (kg)	47.3 kg	93 kg	120 kg
Installation	Floor Stand or Wall Mount		Floor Stand
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C		
Operating / Storage Humidity	≤ 95% RH		
Max Operating Altitude	≤ 2000 m		
IP Rating	IP20		
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate		
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL	8000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL	
Scalability	Max 15 batteries in parallel	Max 63 batteries in parallel	
Certificates	IEC 62619, IEC 61000, IEC 62040, UN38.3		
Product Ordering Part	SUN-5.22K Battery (Cable / wall mount included)	SUN-11.7K Battery (Cable / wall mount included)	SUN-16K Battery (Cable included)

* Specifications in this datasheet are subject to change without notice.

MATCH MAINSTREAM INVERTER

GOODWE

SAJ

MUST[®]

AESS

GROWATT

solis

SRNE

MEGAREVO

SMA

Deye

SO FAR

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SUNKWH reserves the right to modify the specifications and features without prior notice.