



STACK ENERGY PRO

SBESS-5 • SBESS-10 • SBESS-15 • SBESS-20

SBESS-25 • SBESS-30 • SBESS-35 • SBESS-40

SunBeat stackable batteries deliver efficient and cost-effective energy solutions for on grid, off grid, self-consumption, on demand energy storage for critical backup and electricity bills savings.

- Floor mounted
- 5KWh, 10KWh, 15KWh, 20KWh, 25KWh, 30KWh, 35KWh, 40KWh usable energy
- 100 Ah, 200 Ah, 300 Ah, 400 Ah
- 51.2 Vdc
- 100 amp charging, 250 Amps discharge
- Compatible with industry standard inverter charge controllers
- Up to 8 parallel stacks of up to 40kWh per stack
- Pair with most hybrid inverter brands

SPECIAL FEATURES



RELIABLE

Our energy storage battery system uses a lithium-ion phosphate battery, the safest chemistry available. It is based on a modular design with customized battery management system, monitoring status and controls to ensure a safe, efficient and reliable system operation.



LONGER LIFE

SunBeat batteries can last six times longer than lead acid batteries and near 6,000 cycles. That is a lifespan of more than 20 years.



DEEP DEPTH OF DISCHARGE

SunBeat batteries can achieve a deeper discharge than other types of batteries, allowing customers to use energy more frequently and for longer periods of time.



NO MAINTENANCE

SunBeat batteries require little or no maintenance, providing worry-free service. There is no need to add liquids or equalize the batteries.

SYSTEM SPECIFICATIONS

Item	Parameter							
System Model	SBESS-5	SBESS-10	SBESS-15	SBESS-20	SBESS-25	SBESS-30	SBESS-35	SBESS-40
No. of batt. module	1	2	3	4	5	6	7	8
Rated Energy	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh	35kWh	40kWh
Max. discharge current	100A	200A	250A	250A	250A	250A	250A	250A
Dimensions (w*h*d)	26.4"x15.7"x16.9"	26.4"x22.5"x16.9"	26.4"x29.1"x16.9"	26.4"x35.8"x16.9"	26.4"x42.5"x16.9"	26.4"x49.2"x16.9"	26.4"x55.9"x16.9"	26.4"x62.6"x16.9"
Net weight	159.4 lbs.	281.8 lbs.	404.1 lbs.	526.5 lbs.	648.8 lbs.	991.6 lbs.	1,114 lbs.	1,236.4 lbs.
Rated Voltage	51.2V							
Operating Voltage	44.8V~56V							
External communication	CAN/RS485							
Cycle life	>6,000 (0.5°C @ 25°C, 80% DOD)							
Scalable	Up to 8 stacks in parallel of up to 40kWh per stack							
Protection class	IP65							
Operating Temperature	Charging [0~55] °C, Discharging [-20~55] °C							
Working Humidity	25%~75%							
Certification	UL1973, UL9540A, UN38.3, OGPE							
Warranty	10 Years							
Battery/Breaker Per Module	125 Amp							

**STACK
ENERGY
PRO**



SunBeat home energy monitoring

Eliminate electricity bill surprises by monitoring your electricity usage using real time energy information, detailed reports, and conveniently access your home energy information from your smartphone, tablet or computer.

