



**SIEMENS**  
Ingenuity for life

# Junelight Smart Battery

Data sheet

## Model

	Basic housing		Expansion housing			
Available in black or white						
Battery modules						
Type designation	SB - 3.3	SB - 6.6	SB - 9.9	SB - 13.2	SB - 16.5	SB - 19.8
Weight (kg)	78	103	167	192	218	244
Width/Height/Depth (cm)	100/80/18		100/160/18			
Inverter output (kVA)	1.5	3.0	3.5			
Usable capacity (kWh) <sup>1, 2</sup>	3.3	6.6	9.9	13.2	16.5	19.8

<sup>1</sup>The Smart Battery can be upgraded to max. 19.8 kWh at any time.

<sup>2</sup>Including 6% safety margin

## For all models

Network types	TN/TT
Cell technology	Lithium-ion (graphite/NMC)
Rated frequency, mains connection	50 Hz
Rated voltage, mains connection (AC)	400 V
Rated voltage, mains connection (AC)	42–58.8 V
Mains connection	3-phase
Degree of protection	IP 20
Tests/guidelines	ACVDE-AR-N 4105, VDE-AR-N 2510-2, UN 38.3, DIN EN 61000-6-1, DIN EN 61000-6-3, DIN EN 61000-6-2, DIN EN 61000-6-4, DIN EN 62619, DIN EN 62477-1
Battery efficiency	> 95%
Coupling	AC
Max. inverter efficiency	> 96%
Residual current operated circuit breaker (RCCB)	Type B

## Ambient requirements

Ambient temperature range	0° to 30°C
Storage temperature range	–5° to 40°C
Transport temperature range	–15° to 40°C
Max. relative humidity	75%
Permissible installation altitude above sea level	2,000 m

## Additional information

Guarantee	Batteries for ten years; overall system for five years, optionally extendable to ten years <sup>3</sup> . You can find our detailed guarantee conditions at <a href="https://www.siemens.com/junelight/guarantee">siemens.com/junelight/guarantee</a> .
Optional	Base for floor mounting (W/H/D) 100/8/15 cm

<sup>3</sup>See current guarantee conditions

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