

SunPower® SunVault™ Energy Storage System (ESS): SunVault 13 and SunVault 26

Performance		
	SunVault 13	SunVault 26
Model Number	SV-BASE13-12-A	SV-BASE13-12-A and SV-ENERGY13-12-A
DC Rated Energy	13 kWh (128 Ah)	26 kWh (256 Ah)
Max. Usable Energy (DC) ¹	12 kWh (118 Ah)	24 kWh (236 Ah)
Max. Backup Discharge Power ²	6.8 kW / 7.5 kW / 8.5 kW / 10 kW (cont. / 30 min. / 10 sec. / 1 sec.)	6.8 kW / 8.0 kW / 12.0 kW (cont. / 30 min. / 10 sec.)
Max. AC Continuous Backup Output Current	28.3 A continuous	
Individual DC Breaker Rating	125 A / two pole	
Nom. Internal Battery Voltage	51.2 V	
Nom. AC Voltage (L-N-L)	120 / 240 VAC 60 Hz, split phase	
CEC Weighted RTE Efficiency ³	> 86%	
Max. AC Output Fault Current	35 A	
Max. Short Circuit Rating	10 kA	
AC Overcurrent Protection Device	40 A / two pole	
Max. Single-Phase Load Supported (120 V)	4.8 kW (up to 5 minutes)	
Power Factor (full-rated power)	± 0.85	
Battery Cell Chemistry	Lithium iron phosphate (LiFePO ₄)	
Overvoltage Category	II	
Pollution Degree	III	
Protection Class	I	
Max. Continuous Charge Power (Grid tied / Backup)	6.4 kW	
Max. Continuous Discharge Power (Grid tied)	6.0 kW	
Max. AC Continuous Output Current (Grid tied)	27 A	

Environmental	
Seismic Rating	IEEE 693-2005, AC-156
Environmental Rating	Indoor and outdoor rated
Acoustic Noise Level	< 50 dBA @ 1 m distance, 86°F (30°C)
Recommended Operating Temp.	32°F to 86°F (0°C to 30°C)
Ambient Operating Temp.	14°F to 113°F (-10°C to 45°C)
Shelf Ambient Temp. ⁴	-4°F to 113°F (-20°C to 45°C)
Initial Energy Reserve	30%
Humidity	0-95% (non-condensing)
Enclosure Type / Ingress Rating	NEMA Type 3R / IP54
Max. Elevation	6560 ft (2000 m)

Mechanical	
User Interface	Mobile App, LED Panel
Dimensions	64.5 h × 26 w × 14.8 in. d (164 × 66 × 38 cm) ⁵
Weight	<ul style="list-style-type: none"> SV-BASE13: 270 lb (122.5 kg) w/inverter; 528 lb (239.5 kg) fully assembled SV-ENERGY13: 400 lb (181.4 kg) fully assembled
Mounting Options	Wall or floor ⁶

Warranties, Certifications, and Compliance	
Warranty	10 years
Certifications and Compliance	<ul style="list-style-type: none"> IFCC Part 15 Subclass B IEEE 1547 UL 1973 (UL 1642) UL 1741 UL 1741 SA (CA Rule 21) UL 9540 UL 9540A UN 38.3



1 Some energy reserved for internal consumption.

2 Values are rated at 25°C ambient.

3 Tested at 6 kW, 25°C conditions.

4 Extended exposure reduces battery performance.

5 Two enclosures for 26 kWh.

6 Additional hardware details in installation guide.

Some parameters can vary depending on site-specific conditions.

See the *SunVault Storage Installation Guide* for guidelines. See www.sunpower.com/facts for additional reference information. Specifications included in this datasheet are subject to change without notice. © 2021 SunPower Corporation. All Rights Reserved. SUNPOWER, the SUNPOWER logo, and SUNVAULT are trademarks or registered trademarks of SunPower Corporation in the U.S. and other countries as well. 1-800-SUNPOWER.