

SunPower SunVault



Brand: SunPower SunVault

Product Code: Sunvault 13

Availability: 2 - 3 Days

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Price: \$16,000.00

Ex Tax: \$16,000.00

Description

The SunPower SunVault is our top choice for homeowners who already have SunPower solar panels or are planning to install a SunPower system. Unfortunately, SunPower SunVault is not compatible with non-SunPower brand solar panels.



The SunPower SunVault 13 is only compatible with SunPower brand solar panels

SunPower enjoys a well established reputation for high efficiency solar panels. In the second quarter of 2020, SunPower broke away from Maxeon to focus on distribution and sales, leaving all future manufacturing to Maxeon. If SunPower is indeed no longer involved with the manufacturing process, they are tight-lipped with details about the actual physical location or country that the Sunvault battery is manufactured.

The SunVault is a relatively new battery by SunPower. It is designed to work exclusively with SunPower solar panels. If it is important to you to have solar panel

options, Sunvault may not be the best fit.

These batteries **use a very safe Lithium Iron Phosphate chemistry** and the **Sunvault 13** model features a **Total Capacity of 13kWh** and a **Usable Capacity 13.kWh**.

SunPower Sunvault uses a Lithium Ferro Phosphate or LFP. In addition to increased efficiency, and extended life, this type of battery chemistry is thought to have a reduced risk of thermal runaway. The Sunvault has an average service life of approximately 10 years.

The Sunvault 13 can **operate continuously at 6.4kW**, with short bursts of **peak power at 10kW**.

Power Output

Continuous power is a measurement, expressed in kW, of a battery's potential to release a sustained energy for a given period. Peak power is a measurement, expressed in kW, of a potential maximum power output in short bursts. The SunPower SunVault 13 provides 10 kW of peak power and 6.8 kW of continuous power. The Sunvault 13 performs within the range of solar industry standards.

The Sunvault 13 has a roundtrip **efficiency rating of 85%** with **3% degradation**.

Sunpower backs the Sunvault 13 with a **10 year or 4000 through cycle warranty**, whichever comes first.

Solar Battery Metrics

Manufacturer	Sunpower
Model	Sunvault 13
Capacity	13 kW
Chemistry	LFP Lithium Ferro Phosphate
Depth of Discharge	Undisclosed by Sunpower!
Round Trip Efficiency	85%

Monitoring	EnergyLink™
Cooling	Fan (up to 50 dBA)!
Dimensions	26 x 63 x 15 inches
Weight	270 lbs (122.5 kg)
Warranty	10 year or 4000 through cycle warranty,

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Notes

Notes:

- PRO-Largest usable capacities on our list
- PRO-LFP technology for longer battery life and improved safety
- PRO-Four size battery options for customization
- PRO-Five-year warranty extension as optional upgrade
- PRO-Longer battery life and improved safety
- CON-Sunpower wont release depth of discharge information!
- CON-Only compatible with Sunpower solar panel systems.
- CON-Fan Noise can be loud.

Specification

Solar Batteries Configuration	
Cooling	Fan (up to 50 dBA)!
Dimensions LxWxH	26 x 63 x 15 inches
Manufacturer	Sunpower
Weight	270 lbs (122.5 kg)