

AVAILABLE TO ORDER NOW

# THE POWER'S IN YOUR HANDS.

**SUNPOWER RESERVE ENERGY STORAGE SYSTEM WITH SUNPOWER ONE**



## SunPower Reserve

All-in-one home energy management system with 5kW Hybrid-Inverter and 10kWh battery, expandable up to 60kWh

### Access clean energy, anytime.

Storing solar energy in a sustainable, cobalt-free battery chemistry ensures your customers have access to clean energy whenever they need it most.

### No grid, no problem.

Critical energy needs can be protected from grid outages through integrated blackout protection and stand-down support functions.

**SUNPOWER ONE**  
MAKING ENERGY SAVING EASY.



**It's not another monitoring app. SunPower One is an ecosystem designed to help homeowners easily understand their impact on the planet and their wallets.**

The system identifies how much energy a home generates and uses in real-time to expose devious power-hungry appliances – yes, any electric device, not just their SunPower ones.

The app then delivers simple but effective insights homeowners can act on based on the way they personally use energy.

Learn more at [sunpower.maxeon.com](https://sunpower.maxeon.com)

**PRELIMINARY RELEASE**

## SunPower Reserve Home Energy Storage System

All-in-one system with 5kW Hybrid-Inverter and 10kWh battery, expandable up to 60kWh

### Access to clean energy, anytime

Storing solar energy in a sustainable, cobalt-free battery chemistry ensures you will have access to clean energy whenever you need it most.

### Easier grid independence

Critical energy needs can be protected from grid outages through SunPower Reserve's integrated blackout protection and stand-down support functions.

### The power's in your hands

SunPower Reserve is accompanied by the SunPower One app that makes home energy management easy to understand. SunPower One delivers simple but effective insights you can act on based on the way you personally use energy.<sup>1</sup>

Saving your pennies and the planet never felt easier.

**SunPower One**

Designed for Android and iOS

Learn more about SunPower Reserve  
[sunpower.maxeon.com](https://sunpower.maxeon.com)

**PRELIMINARY RELEASE**

**SunPower Reserve 10 kWh | Single Phase**

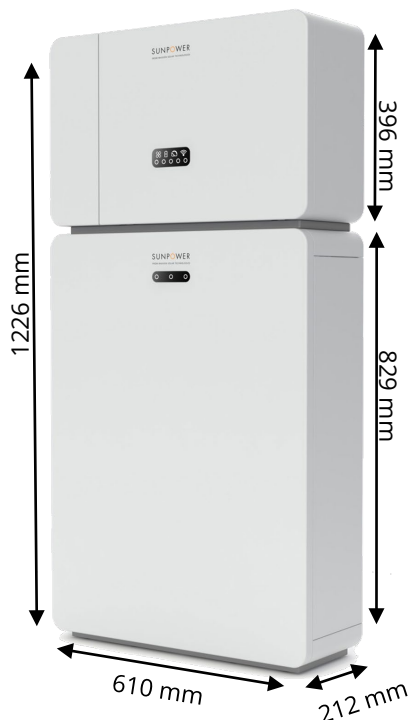
System Technical Specifications	
Initial Capacity	10.1 kWh
Capacity Range	10.1 – 60.5 kWh Parallel connection
Dimensions (WxHxD)	610 x 1226 x 212 mm
Roundtrip Efficiency (AC-DC-AC) / (DC-AC)	90 / 95%
UPS / Power per Circuit	YES / 1 x 5 kW
UPS Peak Output Power (for 30s)	1 x 7.5 kW
UPS switch time	<10ms
Cooling	Natural
Mounting	Floor mount with wall bracing

Inverter Technical Specifications	
Model	RESERVE-INV-1-L1-P5-INT
<b>Output (AC):</b>	
Interconnection	Single Phase
Rated Output Power	5.0 kW
Nominal Voltage	230 VAC
Nominal Freq.	50/60 Hz
Rated Output Current	21.7A
<b>Input (DC - PV):</b>	
Max PV Input Power	10 kW
Max PV Isc Current	18.75 A / 18.75 A
Max input Voltage	580V
MPPT / Voltage range	2 / 100 ~550V
<b>Input (DC - BAT):</b>	
Max Charging / Discharging Power	5.0 kW
Overvoltage Category	DC II / AC III
Weight	20 kg

Battery Technical Specifications	
Model	RESERVE-BAT-1-DC-10.1P-INT
Capacity / Usable Cap.	10.1 / 9.6 kWh
Battery chemistry	LFP (LiFePO4)
Nominal DC voltage	96V
Max DC voltage	109
DoD	95%
Weight	90 kg

Tested Operating Conditions	
Operating Temp.	Charge: 0 to 50°C Discharge: -10 to 50°C
Recommended Temp.	10 to 30°C
Relative Humidity	0 – 90% (not condensing)
Max. Altitude	2000m
Noise level @1m	<30dB
Enclosure protection	Outdoor, IP65

Warranties, App, Certifications and Compliance	
Warranty	<ul style="list-style-type: none"> <li>10-year product warranty on inverter and battery</li> <li>10-year battery performance warranty (8000 cycles)<sup>2</sup></li> </ul>
SunPower One	<ul style="list-style-type: none"> <li>10-year access (inc. monitoring)</li> </ul>
Certifications & Compliance	IEC 62109-1, IEC 62109-2, IEC 62040-1:2017, IEC 62619:2017, IEC 63056, IEC 61000, UN 38.3
Grid connection	AS 4777.2, VDE 4105, VDE 0126, CEI 0-21, EN 50549
Available listing	TUV, SGS
EHS Compliance	RoHS Directive 2011/65/EU, WEEE Directive 2012/19/EU, Battery directive 2006/66/EC REACH



<sup>1</sup>Personalised insights may require additional hardware. SunPower One and services are subject to separate terms and conditions, including Maxeon's privacy policy.

<sup>2</sup>Limited to operation within stated operating temperature conditions. Battery performance may be limited when operating temperature is lower or higher than stated conditions.