



## Sunbatt Peak

The Sunbatt Peak battery is an advanced high-voltage energy storage solution, leveraging Lithium Iron Phosphate (LFP) technology to deliver superior performance and safety.

Featuring a modular, stackable design, the Sunbatt Peak offers unparalleled power output, making it especially suited for applications requiring high energy delivery.

Its robust power capability sets it apart, ensuring it meets the demands of even the most energy-intensive applications. It's flexibility makes it ideal for a broad spectrum of energy applications, including on-grid and off-grid systems, backup power, as well as both



### IP65

High water and dust resistance



### Effortless setup

Automatic battery configuration



### Intelligent display

Key Info, Error codes, SOC

### Efficient installation system

- Modular, stackable design; easy to handle (<35kg/stack).
- Slim and compact for space efficiency.
- Plug-and-play with Direct Connect RJ45.
- Durable aluminium housing
- IP65 rated for dust and water resistance

### Innovative design system

- Advanced LFP Chemistry for safety & longevity.
- Automatic inverter and battery configuration for effortless setup.
- Intelligent display: Key Info, Error codes, SOC.
- Versatile for all applications: 1 & 3 phase, on/off grid & backup.
- High efficiency, no DC/DC conversion.
- Scalable: Connect up to 6 towers in parallel.





## Smart BMS 1.0

Operating Voltage Range	120~600 V
Max Output Current	30A
Peak Output Current	50 A (5s)
Communication	CAN 2.0 / RS485
Dimensions	175x650x260 mm
Weight	≤ 20 kg

## Battery Stack

Battery Cell technology	LFP
Operation temperature	-10~55 °C
Usable Energy	2.4 kWh
Nominal Voltage	102.4 V
Operating Voltage Range	86.4~116.8 V
Max Output current	25 A
Peak output current	50 A (5s)
Dimensions	175x650x260 mm
Weight	≤ 35 kg

## Stacks

				
Number of Stacks	2	3	4	5
Usable Energy	4.8 kWh	7.2 kWh	9.6 kWh	12.0 kWh
Max Output Current	25 A	25 A	25 A	25 A
Peak Output Current	50 A (5s)	50 A (5s)	50 A (5s)	50 A (5s)
Nominal Voltage	204.8 V	307.2 V	409.6 V	512 V
Operating Voltage Range	172.8~233.6 V	259.2~350.4 V	345.6~467.2 V	432~584 V
Scalability	Scalability Up to 6 towers in parallel (From 4.8 kWh to 72 kWh)			
Dimensions (HxWxD)	625x650x 260mm	800x650x 260mm	975x650x 260mm	1150x650x 260mm
Weight	90 kg	125 kg	160 kg	195 kg

## General Parameters

Operation temperature	-10~55 °C
Protection rating	IP65
Round-trip efficiency	≥ 95 %
Certification & Compliance	IEC62619 / CEC / CE / UN38.3
Applications	ON Grid / ON Grid + Backup / OFF Grid
Warranty	10 Years