



# SERIES

## SIGNATURE FORMULA

The V series batteries are robust and reliable low-voltage energy storage solutions for residential and commercial use. These batteries are designed with advanced lithium-ion phosphate technology, which provides a high energy density and long cycle life, making it an excellent choice for those looking to reduce their energy costs and environmental impact.

The V series batteries are compact and modular, allowing easy installation and scalability. They are equipped with a built-in Battery Management System (BMS) that ensures safe and efficient operation. They can be connected to various inverters for a complete energy storage system.

With a capacity ranging from 2.4kWh to 5.12kWh, the V series batteries can provide ample backup power during outages or periods of high energy demand. It is also compatible with various applications, including residential solar systems, commercial and industrial energy storage, and off-grid power systems.

Overall, the V series battery is a high-quality and versatile energy storage solution that can help users save money, reduce their carbon footprint, and enjoy reliable and efficient power.

**6K<sup>+</sup> OPTION**

 **COLD CLIMATE**  **EXPANDABLE**



## V5&V5+

## V10&V10+

Voltage:	48V	51.2V
Capacity:	2,400Wh	5,120Wh
Charge Current:	50Amp	100Amp
Discharge Current:	50Amp	100Amp
Communications:	CAN / RS485	
String Quantity:	16 pcs	
Dimensions(mm):	442 × 410 × 133	442 × 470 × 133
Weight:	26 kg	42 kg
Working Temp:	-20°C~50°C*	-20°C~50°C*
Store Temp:	-20°C~55°C	-20°C~55°C
IP Rating:	IP20	
Humidity:	5%~95%(RH) No Condensation	
Altitude:	< 4500 M	
Design Life:	10+ Years	
Warranty:	10 Years	
Certifications:	IEC62619 / UN38.3 / CE / UKCA	

\*Only PLUS(+) models are rated for -20°C charging and discharging. For more informations please refer to COLD CLIMATE page.



# V Series Accessories

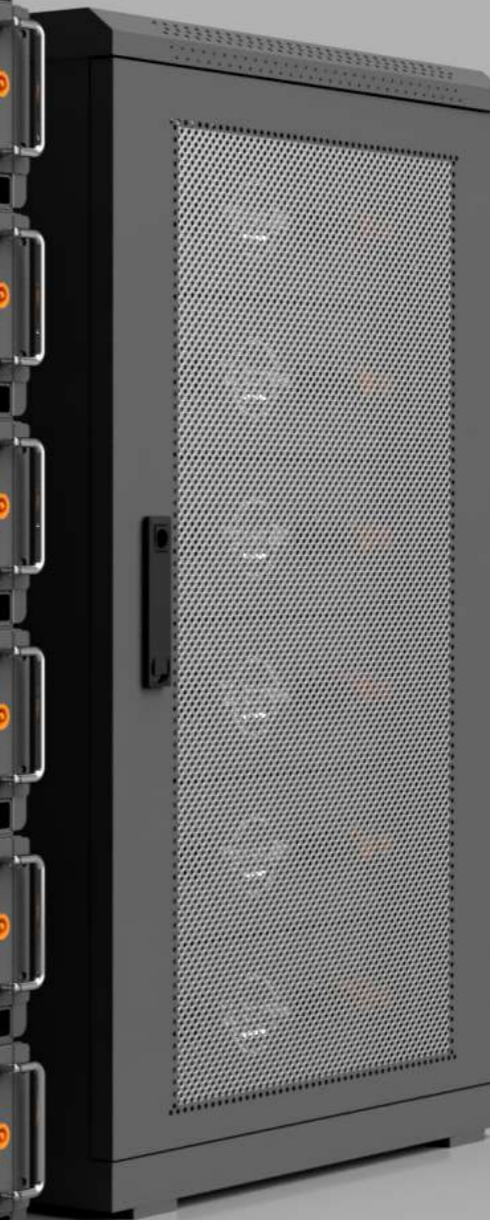
 **OPTION**



Wall Mounting Cabinet



Stackable Mounting Bracket



19' Battery Rack



**RPC**

## RAPID CONNECTION SYSTEM

Traditionally, installing a home energy battery system was a complicated and time-consuming process that required significant expertise and investment. However, Voltsmile's new RPC system has enabled installing a fast and easy-to-use home energy battery system that can run in just a few minutes.

With this new design, we'll explore the benefits of a quick installation of a home energy battery system, the components required for installation, and the steps involved in setting up a fast and efficient system that can help you save money and reduce your carbon footprint. Whether you're a professional installer or a seasoned DIY enthusiast, you can install a home energy battery system quickly and easily.

Installation is as easy as plug and plays with in-built Busbars and an integrated wiring system. No additional wiring is needed, which saves you time and money furthermore.

**6K<sup>+</sup> OPTION**  **COLD CLIMATE**

 **EXPANDABLE**

**Voltsmile**  
ENERGY

**RAPID CONNECT BUS**

# RPC V10



Voltage:	51.2V
Capacity:	5,120Wh
Charge Current:	100Amp
Discharge Current:	100Amp
Communications:	CAN / RS485
String Quantity:	16 pcs
Dimensions(mm):	442 × 490 × 133
Weight:	42 kg
Working Temp:	-20°C~50°C*
Store Temp:	-30°C~55°C
IP Rating:	IP20
Humidity:	5%~95%(RH) No Condensation
Altitude:	< 4500 M
Design Life:	10+ Years
Warranty:	10 Years
Certifications:	IEC62619 / UN38.3 / CE / UKCA

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