

# V series



## Introduction

The Besst V10RPC Lithium Iron Battery Pack, a groundbreaking energy solution designed for versatility, reliability, and rapid deployment. Engineered with a robust voltage of 51.2V and a substantial capacity of 5.12kWh, the Besst V10RPC is perfect for a wide range of applications, from emergency power needs to dynamic energy storage solutions.

## Technical Specifications

Battery	V10	V10+
Battery Chemistry	LiFePO4	
Nominal Voltage	51.2V	
Operating Voltage	43.2~57.6V	
Capacity	5,120Wh	
Usable Capacity	4,608Wh	
Charging Current	100A	
Discharging Current	100A	
Communications	CAN / RS485	
Scalability	Max 63 units in parallel	
Dimensions	442 × 490 × 133mm	
Weight	42 kg	
Working Temp	0°C~50°C*	-20°C~50°C*
Store Temp	-20°C~55°C	
IP Rating	IP20	
Humidity	5%~95%(RH) No Condensation	
Altitude	< 4500 M	
Installation	Rack-Mounted	
Warranty	10 years	
Designed Life	10 years+	
Certifications	IEC62619 / UN38.3 / CE / ROHS	

\*DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C.

System usable energy may vary due to system configuration parameters;

\*The current is affected by temperature and SOC;

\*Conditions apply, refer to Besst's warranty terms.

\*Only PLUS(+) models are rated for -20°C charging and discharging.

For more informations please refer to COLD CLIMATE page.

**besst**

## V Series Accessories

---

### Cable set

---



Power cable set



Parallel cable set

### V10 cabinet

---



22U cabinet for  
6 units V10



30U cabinet for  
9 units V10

### V10 Easy Bracket

---



### Wall-mount cabinet(support 2 units V10)

---

