



# **BATTERYBOX** LV5.0

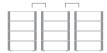


## **KEY FEATURES**



#### Safety

LFP cells developed in-house Proven in millions of EVs



#### **Flexibility**

Modular design Expandable anytime



#### Reliability

LFP expertise since 2002 1M+ systems in 100+ countries



#### **Intelligent Management**

Monitoring and analysis Remote diagnosis and OTA



### **High Usable Capacity**

100% usable capacity



#### **One-button Adaptation**

One-click auto-configuration of compatible inverters

## **BATTERYBOX LV5.0**



Maximum capacity of

160 kWh









## TECHNICAL PARAMETERS LV5.0

PERFORMANCE	LV5.0
Usable Energy <sup>[1]</sup>	5 kWh
Max.Charge and Discharge Current [2][3]	70 A
Peak Charge and Discharge Current [3]	200 A,10 s
Dimensions(H/W/D)	195 x 595 x 255 mm
Weight	42 kg
Nominal Voltage	51.2 V
Operating Voltage	40 - 57.6 V
Charge Cut-Off Voltage	57.6 V
Discharge Cut-Off Voltage	40 V
Scalability	Max. 32 in Parallel (160 kWh)
Installation Mode	Floor Stand
Communication	CAN / RS485 / Bluetooth / Wi-Fi
Round-trip Efficiency	≥ 95%
Applications	On Grid / On Grid + Backup / Off Grid
Operating Temperature	Charge 0~50°C & Discharge -20~50°C
Protection Class	IP20
Storage Humidity	5%~95%
Altitude	< 4000 m
Certification	CE / IEC62619 / UN38.3
Compatible Inverters	victron energy Deye solis for the solic phocos GOODHE

- [1] DC Usable Energy, Test conditions: 0.2C charge & discharge at + 25°C. System Usable Energy may vary with different inverter brands.
- [2] Charge derating will occur between 0°C and +10°C.
- [3] The current varies with different compatible inverters.