VEICHI

VCLB-15-BC

Features

● **Longer Life and Safer**
- REpower A+ grade lithium iron phosphate
- Battery management system with multi-level protection

Flexible and Expandable
- Up to 16 units in parallel, the system's energy capacity is up to 229kWh

Higher Energy Density
- The battery takes up less space and has an energy density of up to 166Wh per kilogram

● **Easy to Install and Use**
- Applications Residential, Commercial, Industrial, Off-grid, grid tie and self-consumption. Compatible with all 48V inverters that support LFP

● **Compliance**
- UN38.3, MSDS, CE-ROHS, IEC-61000

VCLB-15-BC
Low Voltage Lithium Battery

Specification

Model	VCLB-15-BC
Electrical Characteristics	
Nominal Voltage	51.2V
Nominal Capacity	280Ah
Energy	14,336Wh
Battery Chemistry	LithiumIron Phosphate (LFP)
Cycle Life	6,000 cycles@77°F (25°C), 0.5C/0.5C
Operating Voltage	46.4~57.6V
Communication Interfaces	CAN/RS485/RS232
Scalable	Up to 16 units
Expansion function	Aerosol heating (optional)/heating function (optional)/active equalization (optional)
Charge & Discharge	
Nominal Charge and Discharge	140A
MaximumCharge and Discharge	200A
Peak Discharge	250A/10min
Environmental	
Environment	Indoor
Charging Temperature	0°C to 55°C
Discharging Temperature	0°C to 60°C
Storage Temperature	-10°C to 45°C
Altitude	≤3,000m(9,843 ft)
Cooling Method	Natural Convection
IP Rating	IP65
Mechanical	
Dimension(L*W*D)	800*500*227mm
Weight	128.9kg
Installation	Wall mount or floor

VEICHI **Suzhou Veichi Electric Co., Ltd.**
Address:No.1000, Songjia Road, Guoxiang Subdistrict, Wuzhong Economic and Technological Development Zone, Suzhou City, China Email: **overseas@veichi.com**