More Usable Energy
90% depth of discharge

High Energy
Single cell with 314Ah

High Expansibility
Max 63 batteries in parallel.Scalable from 16.07kWh to 1012.83kWh

Flexible Installation
Floor stand with wheels

Safe&Reliable
Lithium iron phosphate cel!
Cobalt free

Perfect Compatibility
Compatible with major inverter brand

Model	CARBONX-512314-G4

Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	314 Ah
Battery Energy	16.07 kWh
Working Voltage	45.6~56.16V
Charge Current	150 A
Charge Power	7680 W
Discharge Current	235 A
Discharge Power	12032 W
Short Circuit Current	540 A

Communication	
Display	SOC status indicator, LCD Display
Communication	RS232、RS485、CAN
Product Features	Automatic sensing fire extinguishing device/Bluetooth/WiFi

General Specification	
Dimension (WxDxH mm)	480x235x874 mm
Weight (Kg)	120 kg
Installation	Floor stand
Working Temperature	Charge : 0~45°C / Discharge : -20~55°C
Operating/Storage Humidity	⩽95%RH
Max Operating Altitude	⩽2000m
IP Rating	IP65
Cell Technology	$LiFePO_4$, Lithium lron Phosphate
Cycle life	8000 Cycles @ 90% DOD/25°C/0.5C
Scalability	Max 63 batteries in parallel
Warranty	10 years

Ordering and Deliverable Part	
Product ordering part	CARBONX-512314 Battery (Cable included)