



**RealCurrent**  
The Power Company

## RC-LFP 5.8 kWh/LV



### **Key Features Energy Storage Battery**

- Digital Monitoring System APP
- High Inverter Compatibility
- Reliable LFP Cells
- CANbus Standard Connection
- Natural Cooling System
- Scalable up to 23.2kWh (4 Parallel)
- 10 Years Limited Warranty
- IP65



## Technical Specifications

### RC-LFP 5.8kWh/LV

Model	RC-LFP 5.8kWh/LV
Total Energy*	5.8kWh
Usable Energy (DC)*	5.3kWh
Nominal Dis-/Charge Power	2.75kWh
Peak Power (Only Discharge)	7kW for 3s
Constant Current (Only Discharge)	100A
Voltage	42~54Vd.c
Nominal Voltage	48Vd.c
Nominal Current	58A
Max. Charge Voltage	54.0Vd.c
Weight	66kg
Dimension(mm)	525*635*238mm
Max.recommended DOD	90%
Operation Condition	Indoor or outdoor
Operating Temperature Charge	From 0~45 °C
Operating Temperature Discharge	From 10~50 °C
WiFi Frequency Range	2400MHz~2483MHz
Humidity	4~100%(No condensed water)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural Cooling
Case Material	Metal + Plastic
Color	Black+Silver grey or White
Installation	Free standing
Protective Class	I
Max. Number of Parallel or Series	4
Warranty	10 years
Life Span	>15 years
Communication	CAN/ RS485
Protection Mode	Tripple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature
Safety	Cell UL 1973 Pack TUV/CE
Hazardous Material Classification	9
Transportation	UN 38.3

Testing conditions based on temperature 25 °C at the beginning of life.

\* Total Energy/Usable Energy measured under specific conditions.