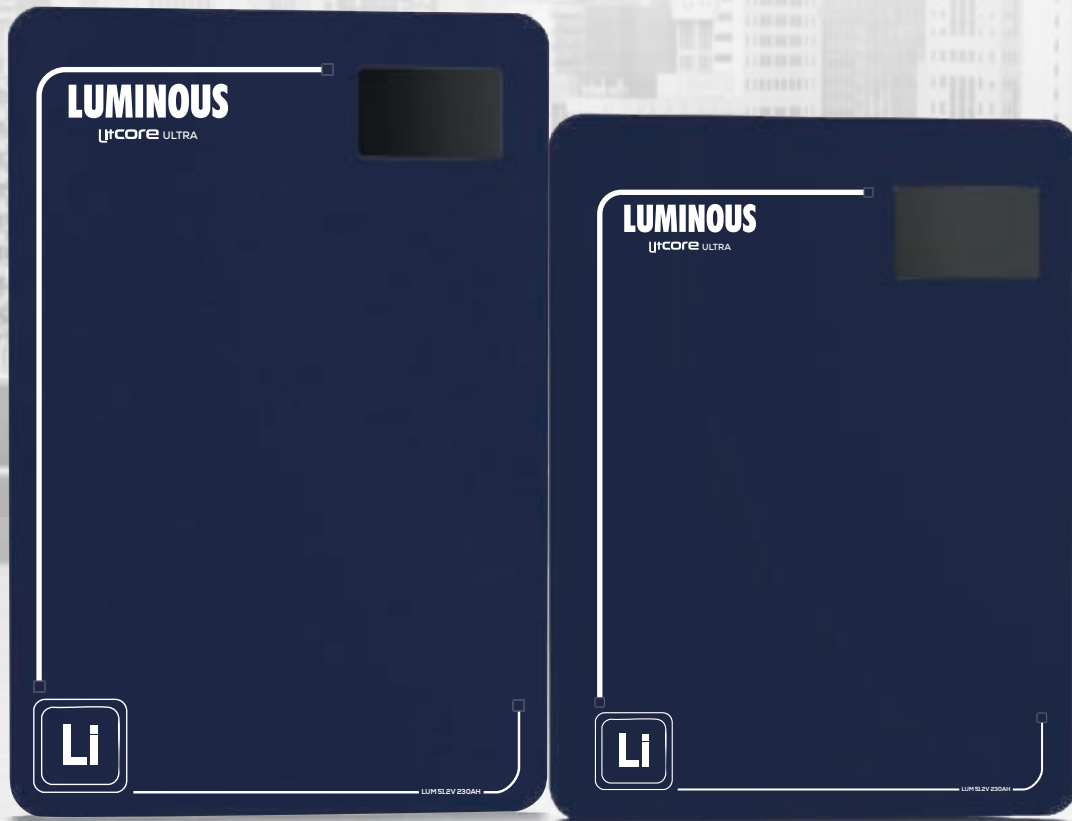
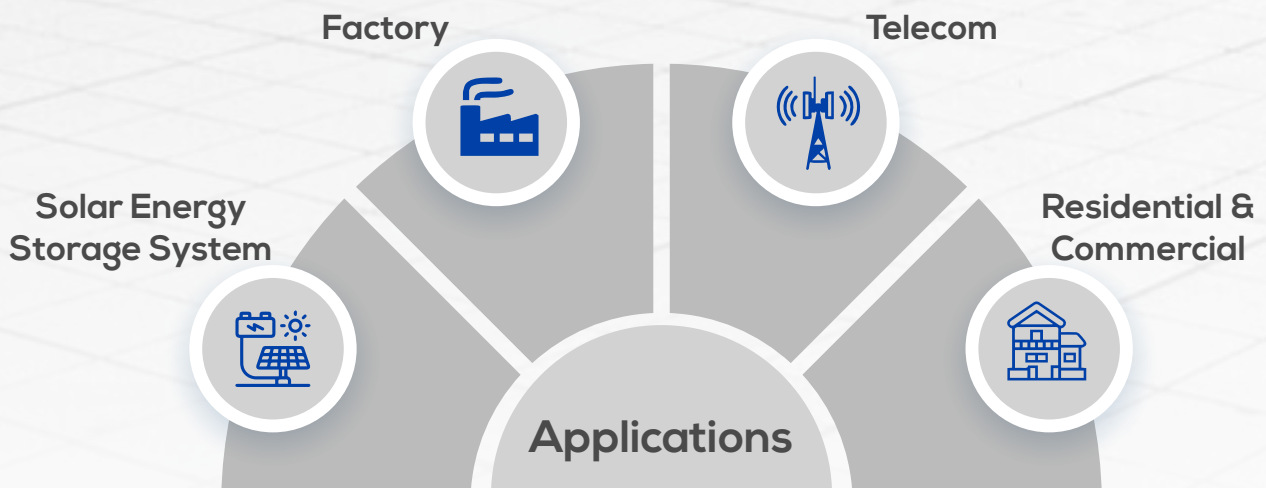


## Litcore ULTRA

POWERING THE FUTURE 



Range Available: 100Ah | 314Ah



# Litcore ULTRA

## KEY FEATURES



**INFORMATIVE DISPLAY**  
LCD display with touch screen



**STACKABLE**  
Upto 15 batteries in parallel supported with Manual configuration



**COMPATIBILITY**  
Compatibility with wider range of high frequency inverters



**LIFECYCLE**  
6000 Cycles\*\*



**SAFETY**  
Multi-level protection feature

## TECHNICAL SPECIFICATION

Battery Model	LU100AH 25.6V	LU100AH 51.2V	LU51.2-105
Cell Configuration	8SIP	16SIP	16SIP
Rated Capacity	100Ah		105Ah
Operating Voltage Range	20-29.2V	40-58.4V	
Usable Energy	2560Wh	5120Wh	5376Wh
Voltage at end of discharge	20V	40V	
Charging Voltage	29.2V	58.4V	
Internal Impedance	≤30mΩ	≤40mΩ	
Standard Charge	Constant Current : 20A		
	Constant Voltage: 29.2V	Constant Voltage: 58.4V	
	Cut off : 5A		
Limiting Current	20A (at CC>100A)		10A (at CC>100A)
Standard Discharge	Constant Current : 50A		
	End Voltage: 20V	End Voltage: 40V	
Maximum Continuous charge current	100A		
Maximum Continuous Discharge current	100A		
Efficiency	> 99%		
Recommended Depth of Discharge	90%		
Protection	Voltage, Current, Temperature		
Cycle Life	6000 cycles**		
Communication Port	RS485, CAN		
Operating Temperature Range	Charge: 0~55°C		
	Discharge: -10~60°C		
Storage Temperature Range	> 1month 0~35°C(SOC30-50%)		
	≤ 1month -20~45°C(SOC30-50%)		
No of units in Parallel	15 PCS		
Terminal	WL-CNT120-A		
Display	Touch screen		LCD+Button
Weight	26 kg	46 kg	47.2 kg

Due to continuous product improvement, the specifications and product design are subject to change without notice. | \*\*Test conditions: 0.5C Charging/Discharging @25°C, 80% DOD.

## TECHNICAL SPECIFICATION

Battery Model	LU230AH 25.6V	LU230AH 51.2V	LU314AH 51.2V
Cell Configuration	8S1P	16S1P	
Rated Capacity	230Ah		314Ah
Operating Voltage Range	20-29.2V	40-58.4V	40-58.4V
Usable Energy	5888Wh	11776Wh	16076Wh
Voltage at end of discharge	20V	40V	
Charging Voltage	29.2V	58.4V	
Internal Impedance	≤20mΩ	≤20mΩ	≤20mΩ
Standard Charge	Constant Current : 30A		Constant Current : 60A
	Constant Voltage: 29.2V	Constant Voltage: 58.4V	
	Cut off : 15A		Cut off : 15.7A
Limiting Current	20A (at CC>200A)		10A (at CC>200A)
Standard Discharge	Constant Current : 115A		Constant Current : 150A
	End Voltage: 20V	End Voltage: 40V	
Maximum Continuous charge current	115A		200A
Maximum Continuous Discharge current	200A		
Efficiency	> 99%		
Recommended Depth of Discharge	90%		
Protection	Voltage, Current, Temperature		
Cycle Life	6000 cycles**		
Communication Port	RS485, CAN		
Operating Temperature Range	Charge: 0~55°C		
	Discharge: -10~60°C		
Storage Temperature Range	> 1month 0~35°C(SOC30~50%)		
	≤ 1month -20~45°C(SOC30~50%)		
No. of units in Parallel	15 PCS		
Display	Touch Screen		LCD+Button
Terminal	WL-CNT120-A		WL-CNT250-A
Weight	49 kg	87 kg	129 kg

Due to continuous product improvement, the specifications and product design are subject to change without notice. | \*\*Test conditions: 0.5C Charging/Discharging @25°C, 80% DOD.

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