

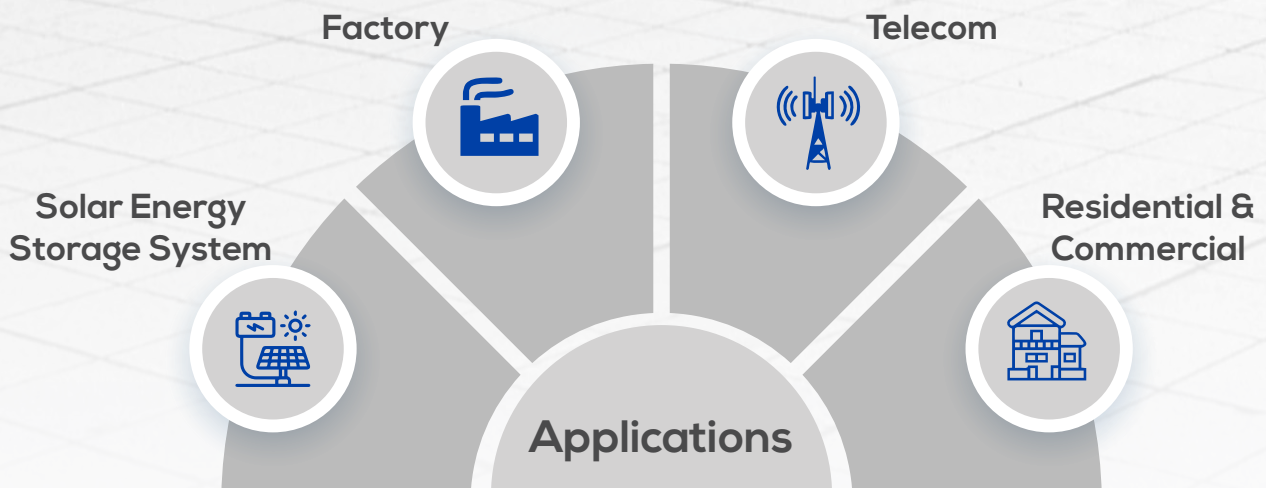
LUMINOUS

litcore **ULTRA**

POWERING THE **FUTURE** 



Range Available: 100Ah | 230Ah



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

5000 Cycles



SAFETY

Multi-level protection feature

TECHNICAL SPECIFICATION

Battery Model	LU100AH 25.6V	LU100AH 51.2V	LU230AH 25.6V	LU230AH 51.2V
Cell Configuration	8S1P	16S1P	8S1P	16S1P
Rated Capacity	100Ah		230Ah	
Operating Voltage Range	20~29.2V	40~58.4V	20~29.2V	40~58.4V
Usable Energy	2560Wh	5120Wh	5888Wh	11776Wh
Voltage at end of discharge	20V	40V	20V	40V
Charging Voltage	29.2V	58.4V	29.2V	58.4V
Internal Impedance	≤30mΩ	≤40mΩ	≤20mΩ	≤20mΩ
Standard Charge	Constant Current : 20A		Constant Current : 30A	
	Constant Voltage: 29.2V	Constant Voltage: 58.4V	Constant Voltage: 29.2V	Constant Voltage: 58.4V
	Cut off : 5A		Cut off : 15A	
Limiting Current	20A (at CC>100A)		20A (at CC>200A)	
Standard Discharge	Constant Current : 50A		Constant Current : 115A	
	End Voltage: 20V	End Voltage: 40V	End Voltage: 20V	End Voltage: 40V
Maximum Continuous charge current	100A		115A	
Maximum Continuous Discharge current	100A		200A	
Efficiency	> 99%			
Recommended Depth of Discharge	90%			
Protection	Voltage, Current, Temperature			
Cycle Life (Pack)	5000 cycles @ 80%DOD, 25°C, 0.5C/0.5C;			
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			
Terminal	WL-CNT120-A			
Weight	26 kg	46 kg	49 kg	87 kg
SOH @ 5000 Cycles	80%	80%	70%	70%

Due to continuous product improvement, the specifications and product design are subject to change without notice.

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