

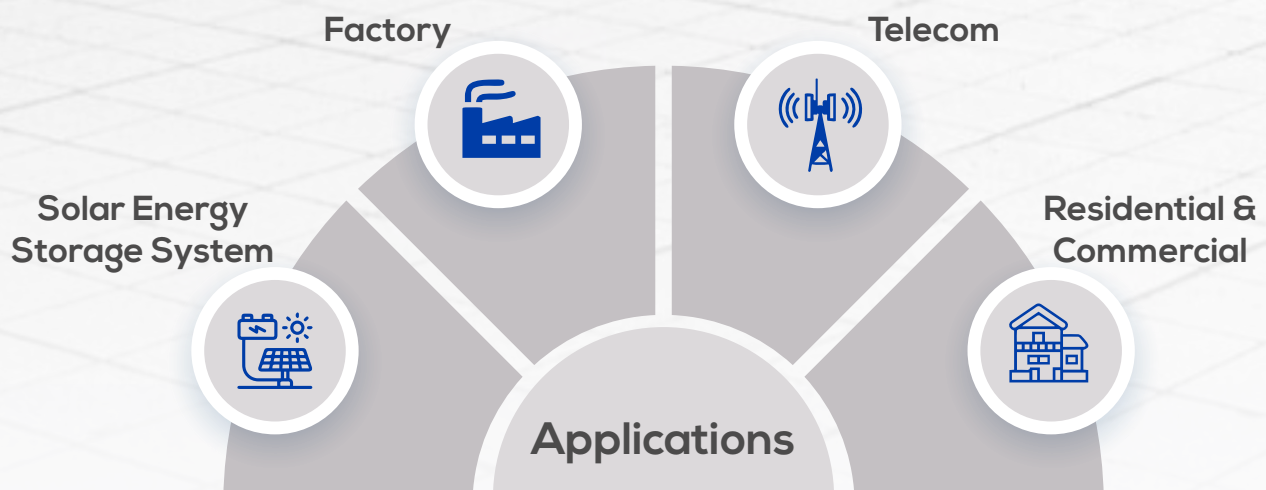
LUMINOUS

Litcore ULTRA+

POWERING THE FUTURE 



Range Available: 280Ah



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

8000 Cycles



SAFETY

Multi-level protection feature

TECHNICAL SPECIFICATION

Battery Model	LUP280AH 51.2V
Cell Configuration	16S1P
Rated Capacity	280Ah
Operating Voltage Range	40-58.4V
Usable Energy	14336Wh
Voltage at end of discharge	40V
Charging Voltage	58.4V
Internal Impedance	≤20mΩ
Standard Charge	Constant Current : 60A
	Constant Voltage: 58.4V
	Cut off : 14A
Limiting Current	20A (at CC > 200A)
Standard Discharge	Constant Current : 140A
	End Voltage: 40V
Maximum Continuous charge current	200A
Maximum Continuous Discharge current	200A
Efficiency	> 99%
Recommended Depth of Discharge	90%
Protection	Voltage, Current, Temperature
Cycle Life (Pack)	8000 cycles @ 70%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-CNT150
Weight	123 kg

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

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