

Ucanpower, Bring Energy to Life!



ULB-5120MT Low Voltage Battery System

ULB series is a low voltage battery that offers multiple energy storage options through an expandable modular design (1-4 modules combined), which further simplifies installation and O&M with multiple smart functions. The safest battery cell technology (LFP) comes with a high charging rate, ensuring superior performance.



Support 1C charge and discharge rate.



Flexible capacity options, 5.12kWh to 20.48kWh



Easy installation with modular and stacked design



Remote diagnosis and real-time data monitoring

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Model	ULB-5120MT			
System Structure				
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System Parameters				
Number of battery	1	2	3	4
Battery capacity (kWh)	5.12	10.24	15.35	20.48
Usable energy (kWh)	4.6	9.22	13.82	18.43
Rated capacity (Ah)	100			
Rated voltage (V)	51.2			
Voltage range (V)	44.8~57.6			
Max. charge and discharge rate	1C			
Cycle times	80% DOD , cycles>6000, residual capacity>70%			
Communication	RS485/CAN 2.0			
Protection function	Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit			
Dimension (mm)	675*200*620	675*200*985	675*200*1350	675*200*1715
Weight (kg)	70	124	178	232
Working Conditions				
Installation	Indoor			
Operating temperature	0℃~50℃ (Charge) / -10℃~50℃ (Discharge)			
Optimum working temperature	20℃~30℃			
Storage temperature	-15℃~60℃			
Humidity	5%-95%			
Cooling strategy	Natural			
Enclosure protection rating	IP65			
Altitude (m)	<2000			
Certificate	UN38.3, IEC 62619, UL9540, UL1973			

Information may be subject to change without notice during product improving

