

Ucanpower, Bring Energy to Life!



ULB-2560 Low Voltage Battery System

ULB series is a low voltage battery that offers multiple energy storage options through an expandable modular design (2-8 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

Upower Electric Co., Ltd

Tel: +86-755-28263405 Email: info@ucanpower.com Web: www.ucanpower.com

UcanPower GmbH

Tel: +49 (0) 170 4910717 Email: UcanPower.de@ucanpower.com

Model	ULB-2560						
System Structure							
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System Parameters							
Number of battery	2	3	4	5	6	7	8
Battery capacity (kWh)	5.12	7.68	10.24	12.8	15.36	17.92	20.48
Usable energy (kWh)	4.6	6.9	9.2	11.52	13.8	16.13	18.4
Rated capacity (Ah)	50						
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)	620*365*376	620*365*500	620*365*624	620*365*748	620*365*872	620*365*996	620*365*1120
Weight (kg)	72	104	136	168	200	232	264
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	IP20						
Altitude (m)	<2000						
Certificate	CE, UN38.3, TUV mark						

Information may be subject to change without notice during product improving.

