

UCanPower, Bring Energy to Life!



UHB High Voltage Battery System

UHB-50Ah series is a high voltage battery that offers multiple energy storage options through an expandable modular design (3-10 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.



Original battery active balance technology



Flexible capacity options, 7.68kWh to 25.6kWh



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: +49 531 1805 0711 Email: info@ucanpower.de Web: www.ucanpower.de

Model	UHB768	UHB1024	UHB1280	UHB1536	UHB1792	UHB2048	UHB2304	UHB2560
Electrical Parameters								
NO. of series battery	3	4	5	6	7	8	9	10
Rated energy (kWh)	7.68	10.24	12.8	15.36	17.92	20.48	23.04	25.6
Usable energy (kWh)	6.9	9.2	11.52	13.8	16.13	18.4	20.7	23
Rated voltage(V)	153.6	204.8	256	307.2	358.4	409.6	460.8	512
Voltage range(V)	134.4~172.8	179.2~230.4	224~288	268.8~345.6	313.6~403.2	358.4~460.8	403.2~518.4	448~576
Rated capacity(Ah)	50							
Charge current(A)	25 (Recommended) /50 (MAX)							
Discharge current(A)	25 (Recommended) /50 (MAX)							
Cycle times	80% DOD, cycles>6000, residual capacity>70%							
Communication	RS485/RS232/CAN 2.0							
Protection function	Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit							
Size [W x D x H, mm]	851*255*488	851*255*618	851*255*748	851*255*878	851*255*1008	851*255*1138	851*255*1268	851*255*1398
Weight [kg]	104	136	168	200	232	264	296	328
Working Conditions								
Installation	Indoor							
Working temperature	0°C~50°C (Charge) / -10°C~50°C (Discharge)							
Optimum working temperature	20°C~30°C							
Storage temperature	-30°C~60°C							
Protection degree	IP20							
Humidity	5%-95%							
Altitude	≤2000							
Cooling	Natural							
Certificate	CE, UN38.3, MSDS, Safe Transport of Goods, Hazardous Characteristics Report							

Information may be subject to change without notice during product improving

