Ucanpower, Bring Energy to Life!

CAN POWER

UHB High Voltge Battery System

UHB-50Ah series is a high voltage battery that offers multiple energy storage options through an expandable modular design (2-10 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.



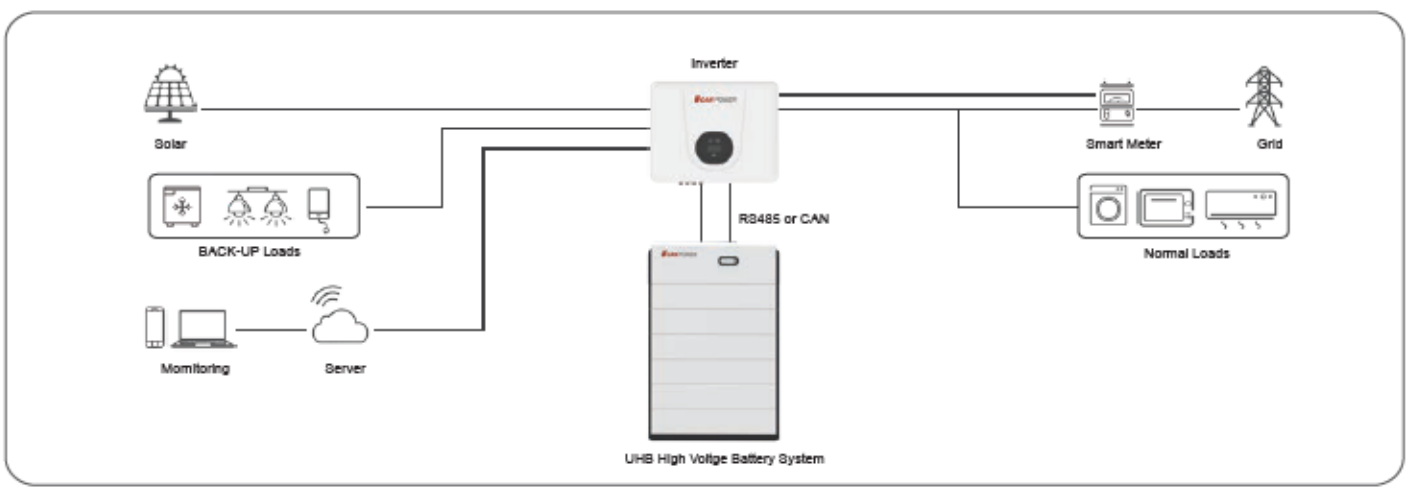
- **Original battery active balance technology**
- **Flexible capacity options, 5.12kWh to 25.6kWh**
- **Easy installation with modular and stacked design**
- **Remote diagnosis and real-time data monitoring**

Upower Electric Co., Ltd
Tel: +86-755-28263405 Email: info@ucanpower.com Web: www.ucanpower.com

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

Model	UHB512	UHB768	UHB1024	UHB1280	UHB1536	UHB1792	UHB2048	UHB2304	UHB2560
Electrical Parameters									
NO. of series battery	2	3	4	5	6	7	8	9	10
Rated energy (kWh)	5.12	7.68	10.24	12.8	15.36	17.92	20.48	23.04	25.6
Usable energy (kWh)	4.6	6.9	9.2	11.52	13.8	16.13	18.4	20.7	23
Rated voltage(V)	102.4	153.6	204.8	256	307.2	358.4	409.6	460.8	512
Voltage range(V)	89.6~115.2	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>10000, residual capacity>60%								
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*358	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]	72	104	136	168	200	232	264	296	328
Working Conditions									
Installation	Indoor								
Working temperature	0℃~50℃ (Charge) / -10℃~50℃ (Discharge)								
Optimum working temperature	20℃~30℃								
Storage temperature	-15℃~60℃								
Protection degree	IP20								
Humidity	5%-95%								
Altitude	≤2000								
Cooling	Natural								
Certificate	CE, UN38.3, MSDS								

Information may be subject to change without notice during product improving



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