

Optimize Energy · Optimize Life!



# 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

Model	UHB256
<b>Electrical Parameters</b>	
NO. of series battery	1
Rated energy (kWh)	2,56
Usable energy (kWh)	2,3
Rated voltage(V)	51,2
Voltage range(V)	44,8-57,6
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 x 255 x 130
Weight [kg]	32
<b>Working Conditions</b>	
Installation	Indoor
Working temperature	-10°C~50°C
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

UHB-50Ah Series - Single page - 20220916-EN-V1.1. Information may be subject to change without notice during product improving

