

KILOVANT

HV RACK-MOUNT LIFEPO4 BATTERY

512V / 614V / 716V / 768V 280AH



Support in Series

High Reliability & High Security

Two-Level And Three-Level Architecture

Master Integrated Combiner Box

Datasheet

Model	512V280Ah-143KWh	614V280Ah-172KWh	716V280Ah-200KWh	768V280Ah-215KWh
RECOMMENDED FOR	Small Commercial	Commercial / Light Industrial	Industrial	Heavy Industrial / Large Commercial
MAIN PARAMETER				
Battery Type	LiFePO4			
Battery Module	10	12	14	15
Battery Energy	143kWh	172kWh	200kWh	215kWh
Nominal Voltage	512V	614V	716V	768V
Rated Capacity	280Ah			
End-Of-Charge Voltage	576V	691.2V	806.4V	864V
Discharge Cut-off Voltage	448V	537.6V	627.2V	672V
Standard Charge Current	100A			
Max. Charge Current	140A			
Standard Discharge Current	100A			
Max. Discharge Current	200A			
Max. Peak Current	250A			
Communication	RS485/CAN			
Work Temperature Range	Charge: 0°C~55°C, Discharge: -15°C~60°C			
Charge/Discharge Interface	2P/ M8 Terminal / Waterproof connector (optional)			
Communication Interface	RS485/CAN			
Shell Material/Color	Metal / White (color optional)			
Size (mm)	1000*800*1620	1000*800*1850	1000*800*2000	1000*800*2050
Weight Approximate (Kg)	1500	1850	2000	2085

* If the ambient temperature is too high or too low, performance will be limited.
* Under specific test conditions.