



Low Voltage 51.2V Rack Mounted Lithium Battery Pack

Measured capacity>Nominal capacity+5%



Perfectly compatible

It is compatible with most inverter brands on the market.



Certification

Battery UN38.3/MSDS/CE standards.



90% Depth of Discharge (DOD)

Higher energy utilization rate, longer runtime / power supply duration, improved system economy, suitable for high-load scenarios.



Safe and Reliable

A two-level overcurrent protection system consisting of a Battery Management System (BMS) and circuit breakers.

Rack Mounted Lithium Battery Pack



Module	51.2V100AH	51.2V200AH	51.2V280AH	51.2V314AH
Battery parameters				
Nominal Energy (WH)	5120	10240	14336	16076.8
Nominal Voltage (V)	51.2	51.2	51.2	51.2
Capacity (AH)	100	200	280	314
Usable Energy (WH)	4608	9216	12902.4	14469.12
Battery Pack	HZR-100-16S	HZR-200-16S	HZR-280-16S	HZR-314-16S
Cycle Life	≥4000@25°C		≥6000@25°C	
C-Rate	0.5C			
Cooling Method	Air Cooling			
Communication	RS485/CAN/Bluetooth (Optional)			
Design Life	10 years+			
Electrical Design Redundancy	> 20%			
Charge/Discharge Standard				
Discharge Voltage (V)	45.6	45.6	45.6	45.6
Charge Voltage (V)	56.8	56.8	56.8	56.8
Recommend Charge/Discharge Current (A)	50	100	140	157
Max. Charge/Discharge Current (A)	100 (3S)	200 (3S)	200 (3S)	200 (3S)
Operating Conditions				
Operation Temperature	0-40°C			
Storage Temperature	-20-70°C			
Humidity	15%-80%			
System Parameters				
Dimensions (W*D*H) mm	482*463*178	482*809*178	437*875*239	437*875*239
Weight (KG)	49	96	110	110
Certification				
CE/UN38.3/MSDS				

*Product dimensions and specifications are subject to change without notice. Please refer to the latest physical product for final details.