BYD Battery-Box Premium HVS 5.1 kWh

BYD · Akut · SKU BB-HVS-5.1

LiFePO4, 5.12 kWh, 6000 cycles, 10-year warranty. ADR transport (UN3480).

Parameter	Value
Capacity	5.12 kWh
Voltage	204 (HV) V
Type	high-voltage
Chemistry	LiFePO4
Cycles	6000
DoD	90 %
Weight	38 kg
Dimensions (m)	0.585 × 0.298 × 0.235
Units per pallet	8
Pallets per 40'HC	24

Warranty

10-year manufacturer warranty or 6,000 cycles; claims via the customer portal.

Compatible inverters

Fronius Symo GEN24, SMA Sunny Boy Storage, Kostal Plenticore, Goodwe ET

Based on BYD manufacturer documentation. Full certificates: https://www.bydbatterybox.com