BYD Battery-Box Premium LVS 4.0 kWh 48 V

BYD · Batteries · SKU BB-LVS-4.0

LiFePO4, 4 kWh, 6000 cycles, 10-year warranty. ADR transport (UN3480).

Parameter	Value
Capacity	4 kWh
Voltage	51.2 (LV) V
Type	low-voltage
Chemistry	LiFePO4
Cycles	6000
DoD	90 %
Weight	65 kg
Dimensions (m)	0.65 × 0.298 × 0.233
Units per pallet	6
Pallets per 40'HC	24

Warranty

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

Compatible inverters

Victron, SMA Sunny Island, Deye SUN-xK-SG

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