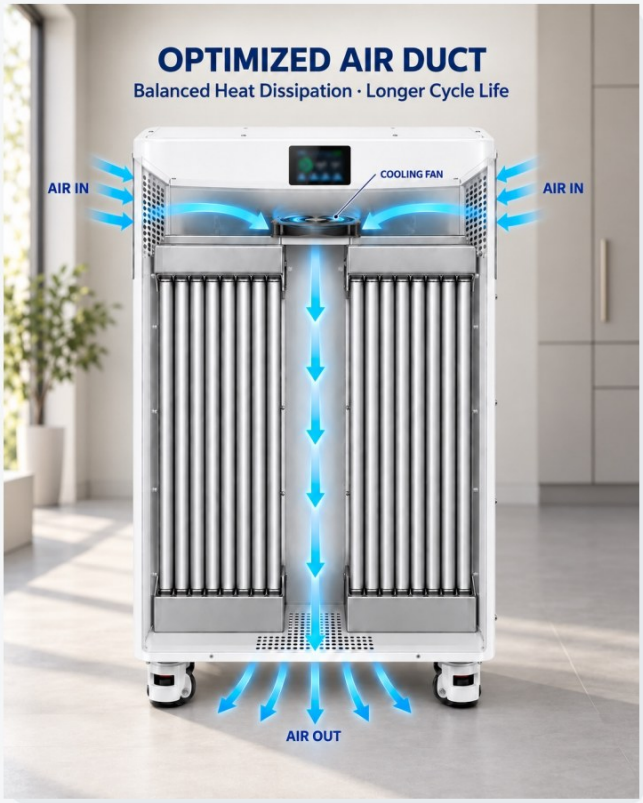


CORE TECHNOLOGY & APPLICATIONS











DAZUKI
HOME ENERGY STORAGE SYSTEM

325 Ah	16.6 kWh	200 A	8,000+
LFP CELL	ENERGY CAPACITY	CHARGE / DISCHARGE	CYCLES

Item	General Parameter
Model	DC-51.2V325Ah-16S200A
Battery Chemistry	LiFePO4 (Lithium Iron Phosphate)
Nominal Voltage (V)	51.2 (16S × 3.2V)
Nominal Capacity (Ah)	325
Nominal Energy (KWh)	≈16.64
Cell Brand	SVOLT (Hive Energy)
Cell Model	CL22 325Ah Prismatic LFP Cell
Cell & Method	16S1P
Cell Dimension (mm)	26.3(±0.4) × 215(±0.5) × 500(±0.5) (L×W×H)
Cell Weight (kg)	≈6.3
BMS Model	16S200A-xxxx-V1.00
Protection Board	S6004HY200A-16S
BMS Continuous Overcurrent (A)	200
Working Voltage Range (V)	40.0 ~ 58.4 (>0°C); 32.0 ~ 58.4 (≤0°C)
Charge Cut-off Voltage (V)	58.4
Discharge Cut-off Voltage (V)	40.0
Communication	RS485 ×2 (isolated), CAN (isolated); BT / WiFi / LCD optional
Touchscreen Language	Chinese / English / Arabic (Customizable)
Cycle Life	≥8000 cycles (100% DOD, 80% SOH)
Working Temperature	Charge 0 ~ 55°C; Discharge -20 ~ 55°C
Storage Temperature	0 ~ 35°C
Pack Dimension (mm) (W×H×D)	≈500 × 260 × 700 (reference)
Pack Weight (kg)	≈120 ~ 135 (reference)
Standards & Safety	GB/T 36276-2018, UN38.3, IEC 62619, MSDS
Warranty	5-year warranty (1-year replacement, 4-year free spare parts & repair)

Note: All parameters are based on our standard 51.2V 325Ah LFP energy storage battery pack with 16S200A BMS (protection board S6004HY200A-16S). Pack dimension & weight are reference values; customized models and adjusted parameters are available upon request.

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