

Ultra Slim Design, Space-saving

Floor-mounted installation

Modern design blends perfectly with your home.



-20°C Performance

(optional)

Stable operation in extreme environments.

-20°C ~ 55°C
Wide operating temperature range



IP20 Protection

For protected indoor installations

Floor-mounted installation

CAN/RS485 | WiFi+APP

Built-in aerosol safety



Lower Cost

Supports hand-in-hand connection



Back-side connection, no external combiner box required.
Flexible expansion for larger capacity.

0.64C Charge & Discharge

200 A

10.24 kW maximum power

High power output for more applications.



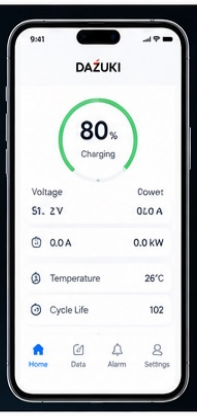
Smart Monitoring & Management

LED + APP + Web

Real-time data

Alarm notification

Remote control



SPECIFICATION

Model	16 kWh
Battery Type	$LiFePO_4$ (LFP)
Nominal Battery Energy	16.08 kWh
Usable Battery Energy	15.28 kWh
Nominal Capacity	314 Ah
Nominal Voltage	51.2 V
Operating Voltage	44.8 V–57.6 V
Recommended Charge & Discharge C Rate	0.45C (140 A)
Max. Charge C Rate	0.64C (200 A)
Max. Discharge C Rate	0.64C (200 A)
Peak Discharge Current (25°C)	300 A, 2 min
Recommended Charge & Discharge Power	7.168 kW
Max. Charge Power	10.24 kW
Max. Discharge Power	10.24 kW
Depth of Discharge (DOD)	95%
Charge Temp. Range	0°C–55°C / –20°C–55°C (optional)
Discharge Temp. Range	–20°C–55°C
Net Weight	116 kg
Dimension [H/W/D]	750 × 480 × 245 mm
Protection Level	IP20
Communication	CAN/RS485
Cycle Life[1]	≥8000 Cycles
User Interface	WiFi+APP
Safety Protection	Built-in aerosol fire extinguisher
Installation	Floor-mounted
Regulating Wheel (4pcs)	1 kg, 80/80/80 mm (optional)
Top Cover	2 kg, 435/233/60 mm (optional)
Expansion	Up to 50 units in parallel
Warranty Period[2]	5 Years
Certification & Safety Standard	UN38.3/IEC62619
Compatible Inverters	SMA/Victron Energy/Ingeteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/DEYE/Sungrow etc.

[1] Test conditions: 0.2C charging & discharging, 25°C, 95% DOD, 70% EOL

[2] Refer to the official warranty terms

All specifications are subject to the final confirmed product configuration.