DAZUKI

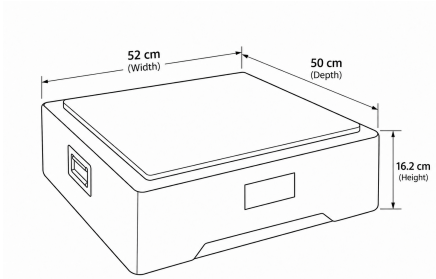
5.12kWh STACKABLE BATTERY PACK

MODULAR HOME ENERGY STORAGE SYSTEM



5.12-153.6kWh
FLEXIBLE. SAFE. SMART.

Designed for residential and small commercial energy storage. Supports up to 30 units in parallel, expanding from 5.12 kWh to 153.6 kWh. High cycle life and 1C discharge capability provide dependable everyday power.



Precise Dimensions

1C Discharge

Simultaneously supplying power to multiple loads, no need to worry about power outages

Automatic Self-heating

-20°C to 55°C operating temperature (optional)

Flexible Expansion

Up to 30 units in parallel. 5.12kWh-153.6kWh capacity

Easy Installation

Support wall-mounted, floor-mounted installations, high space utilization

Smart Management

Real-time system monitoring, remote control, OTA updates

ITEM	ONE UNIT
Battery Type	$LiFePO_4$
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Recommended Charge & Discharge C Rate	0.5C
Maximum Discharge C Rate	1C
Recommended Charge/Discharge Current	50A
Max. Charge/Discharge Current	Charge 75A Discharge 100A
Peak Discharge Current	120A@10min
Depth of Discharge (DOD)	95%
Net Weight	46kg
Dimension[W/D/H]	520/500/162mm
Charging Temp. Range	0~55°C / -20~55°C (with heating function)
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485
WIFI Module	Built-in WIFI module; APP OTA function
Cycle Life*	≥8000 Cycles
Protection Level	IP20
Active fire protection system	Optional Aerosol fire extinguisher
Expansion	Up to 30 units in parallel
Pros	Can be used in both off-grid and hybrid setups, compact design
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/CE-RED
Compatible Inverters	SMA/Schneider/Victron energy/Ingteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/DEYE etc.

* Test conditions: 0.2C Charging & Discharging, @25°C, 95% DOD, 70% EOL