DAZUKI

WUHAN DINGCHENG NEW ENERGY CO., LTD.

14kWh HOME ENERGY STORAGE BATTERY

RESIDENTIAL ENERGY STORAGE SYSTEM















SPECIFICATION

Model	14 kWh
Battery Type	LiFePO4 (LFP)
Nominal Battery Energy	14.336 kWh
Usable Battery Energy	13.62 kWh
Nominal Capacity	280 Ah
Nominal Voltage	51.2 V
Operating Voltage	40.0 V-58.4 V
Recommended Charge & Discharge C Rate	0.5C (140 A)
Max. Discharge C Rate	1C (280 A)
Peak Discharge Current (25 C)	280 A
Recommended Charge Power	5.12 kW
Recommended Discharge Power	10.24 kW
Depth of Discharge (DOD)	95%
Charge Temp. Range	0 C-55 C / -20 C-55 C (optional heating)
Discharge Temp. Range	-30 C-55 C
Net Weight	Approx. 115 kg
Dimension [W/D/H]	600/245/750 mm
Protection Level	IP65
Anti-corrosion	C5-M
Communication	CAN/RS485
Cycle Life [1]	>=8000 Cycles
User Interface	WIFI + APP
Installation	Floor-mounted
Expansion	Up to 50 units in parallel
Warranty Period [2]	5 Years
Certification & Safety Standard	UN38.3 / CE-EMC / IEC62619 / IEC62040 / CE-RED / CEC / CEI 0-21
Compatible Inverters	SMA / Victron Energy / Integra / Solis / GoodWe / Growatt / Solplanet / Luxpower / Deye / APsystems etc.

[1] Cell specification condition: 25 C, 0.5P/0.5P cycle, 80% SOH.

[2] Refer to Product Warranty Terms.