



LEAPTON
SOLAR



■ ■ ■ SWITCH YOUR LIFE
ENERGY STORAGE SOLUTIONS

LOW VOLTAGE BATTERY EL-A10.24



PERFECT COMPATIBILITY

Suitable for 1 and 3 phase, hybrid and retrofit inverters



CYCLE LIFE

6000 cycles



1C@25°C RATE SUPPORT

Maximum charge/ discharge rate
1C@25°C



SAFE & RELIABLE

Reliable LFP battery cell with high cycle stability



INTELLIGENT BMS

Automatically manage charge and discharge state



HIGH EFFICIENCY

Charge and discharge with high efficiency

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■ Factory: Leapton Solar (Changshu) Co., Ltd.  86-512-88800068
■ No.9 Sunshine Avenue, Changshu, Suzhou city, Jiangsu province, 215500, P. R. China



TECHNICAL PARAMETERS

Battery Module	EL-A10.24
Rated Energy(kWh) ¹	10.24
Usable Energy (kWh) ¹	9.2
Cell Type	LFP (LiFePO4)
Cell Configuration	16
Rated Capacity(Ah)	200
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	40~57.6
Recommend Voltage Range (V)	44.8~56.8
Recommend Charge/ Discharge Current (A)	100
Recommend Charge/ Discharge Power (kW)	5.12
Max. Charging/ Discharging Current (A) ²	200
Max. Charging/ Discharging Power (kW) ²	10.24
Weight (kg)	90
Dimensions (W × H × D mm)	642*753*135
Communication	CAN
Operating Temperature (°C)	Charge:0~+50;Discharge:-20~+50
Operating Temperature (Recommended) (°C)	15~30
Relative Humidity	5%~95%
Cycle Life	6000
Recommend DOD	90%
Environment	Indoor
Cooling	Natural convection
Ingress Protection Rating	IP65
Max. Operating Altitude (m)	2000
Mounting Method	Wall-mounted
Certificates	CE, UN38.3
Product Warranty	10 years warranty

Note

1. Value for Battery Cell Only (Depth of Discharge 90%).Actual usable energy at the AC output may vary by condition, such as the battery converter. inverter efficiency and temperature.
2. Leapton Energy recommends 50A@2.5kW for maximum battery module lifetime Max dis-/charge current and power derating will occur related to temperature and SOC.