



LEAPTON
SOLAR



■ ■ ■ SWITCH YOUR LIFE
ENERGY STORAGE SOLUTIONS



LOW VOLTAGE BATTERY

EL-A10



PERFECT COMPATIBILITY

Suitable for 1 and 3 phase, hybrid and retrofit inverters



SAFE & RELIABLE

Reliable LFP battery cell with high cycle stability



CYCLE LIFE

≥ 6000 cycles



FLEXIBLE INVESTMENT

5kWh Modular Design, Flexibility Configuration-Max. 8 cluster in parallel



EASY INSTALLATION


standard modules, mix old and new batteries




HIGH EFFICIENCY

Charge and discharge with high efficiency



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TECHNICAL PARAMETERS

Battery Module	EL-A10
Battery Module	51.2V200Ah
Cell Configuration	2P16S
Composable mode	Separate assembly&Parallel 15 groups
Rated Energy(kWh)	10.24
Nominal Discharge Current (A)	100
Operating Voltage Range (V)	43.2V~57.6V DC
Nominal Voltage (V)	51.2V DC
Max. Charging Current (A)	150
Max. Discharging Current (A)	150
Operating Temperature (°C)	- 10~ + 50°C
Relative Humidity	65±20%RH
Max. Operating Altitude (m)	≤2500
Cooling	Natural convection
Mounting Method	Floor stand/wall mounting
Move Method	Lifting transfer/rolling pulley
Ingress Protection Rating	IP20
Maximum parallel quantity	Parallel 15 groups
Dimensions (W x H x D mm)	615*200*820
Weight (kg)	85±5
Certificates	CE, IEC62619, UN38.3
Product Warranty	5 years warranty / 10 years warranty optional
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. Max dis-/charge current and power derating wil occur related to temperature and SOC.